

NNN		NNN	MMM	MMM	LLL
NNN		NNN	MMM	MMM	LLL
NNN		NNN	MMM	MMM	LLL
NNN		NNN	MMMMMM	MMMMMM	LLL
NNN		NNN	MMMMMM	MMMMMM	LLL
NNN		NNN	MMMMMM	MMMMMM	LLL
NNNNNN		NNN	MMM	MMM	LLL
NNNNNN		NNN	MMM	MMM	LLL
NNNNNN		NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNNNNN	NNN	MMM	MMM	LLL
NNN	NNNNNN	NNN	MMM	MMM	LLL
NNN	NNNNNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLLLLLLLLLLLLLLL
NNN	NNN	NNN	MMM	MMM	LLLLLLLLLLLLLLLL
NNN	NNN	NNN	MMM	MMM	LLLLLLLLLLLLLLLL

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(2)	139	Declarations
(3)	151	NML\$NPA_SEDECIR Set/Define circuit parameter state table
(5)	476	NML\$NPA_SEDELIN Set/Define line parameter state table
(6)	675	NML\$NPA_SEDELOG Set/Define logging parameter state table
(7)	773	NML\$NPA_SEDEEXE Set/Define executor parameter state table
(8)	1093	NML\$NPA_SEDENOD Set/Define node parameter state table
(9)	1435	Set/Define X25 Access Module
(10)	1487	Set/Define Protocol Module
(14)	1799	NML\$NPA_SEDE_X25_SERVER Set/Define Server Module
(16)	1961	NML\$NPA_SEDE_TRACE Set/Define Trace Module
(18)	2097	NML\$NPA_SEDE_X29_SERVER Set/Define Server Module
(20)	2285	NML\$NPA_SEDE_NI_CONF Set/Define NI Configurator state table
(21)	2307	NML\$NPA_SEDEOBJ Set/Define object parameter state table
(22)	2378	NML\$NPA_SEDESUB Common set/define parameter parsing subexpressions


```
0000 1      .TITLE NML$SETDEFSTATE SET/DEFINE PARAMETER STATE TABLES
0000 2      .IDENT 'V04-000'
0000 3
0000 4
0000 5 *****
0000 6
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0000 24
0000 25 *****
0000 26
0000 27
0000 28
0000 29 ++
0000 30 FACILITY: DECnet-VAX Network Management Listener
0000 31
0000 32 ABSTRACT:
0000 33
0000 34 This module contains the NPARSE state tables for processing the
0000 35 NCP SET and DEFINE command message parameters.
0000 36
0000 37 ENVIRONMENT: VAX/VMS Operating System
0000 38
0000 39 AUTHOR: Distributed Systems Software Engineering
0000 40
0000 41 CREATION DATE: 6-November-1979
0000 42
0000 43 MODIFIED BY:
0000 44
0000 45 V03-012 MKP0020 Kathy Perko 25-Mar-1984
0000 46 Fix area 1 problem. Convert area 0 to area 1 for Phase IV
0000 47 NCPs and to the executor's area for Phase III NCPs.
0000 48 Fix SET X29-SERVER DEST FOO NODE BAR so that the node
0000 49 parameter uses the node parameter ID instead of the counter
0000 50 timer parameter id.
0000 51
0000 52 V03-011 MKP0019 Kathy Perko 10-Jan-1984
0000 53 Add X25 Access Module entity parameters.
0000 54
0000 55 V03-010 MKP0018 Kathy Perko 7-Jan-1984
0000 56 Add node parameter SERVICE NODE VERSION.
0000 57
```

0000	58	:	V03-009	MKP0017	Kathy Perko	13-Nov-1983
0000	59	:			Add NMA\$C_PCNO_NNS and redo NMA\$C_PCNO_AD\$ so that, when	
0000	60	:			the executor name or address is being changed in the	
0000	61	:			permanent database, different routines are called than	
0000	62	:			are called for remotes.	
0000	63	:			Add SERVICE NODE VERSION node parameter.	
0000	64	:				
0000	65	:	V03-008	MKP0016	Kathy Perko	30-July-1983
0000	66	:			Add EXECUTOR parameter, ALIAS.	
0000	67	:				
0000	68	:	V03-007	MKP0016	Kathy Perko	21-April-1983
0000	69	:			Delete forwarding buffer size from executor database.	
0000	70	:				
0000	71	:	V03-006	MKP0015	Kathy Perko	23-Jan-1983
0000	72	:			Add Configurator Module entity parameters. Also, delete	
0000	73	:			the node proxy parameter (it's function is performed by	
0000	74	:			the DECnet user authorization proxy login file).	
0000	75	:				
0000	76	:	V03-005	MKP0014	Kathy Perko	19-Dec-1982
0000	77	:			Add Ethernet Protocol type parameter (EPT) to line database.	
0000	78	:				
0000	79	:	V03-004	MKP0013	Kathy Perko	27-Sept-1982
0000	80	:			Reduce checking NML does for coded parameter values. This	
0000	81	:			makes it easier to add new values since only NCP gets	
0000	82	:			involved then.	
0000	83	:				
0000	84	:	V03-003	MKP0012	Kathy Perko	2-Sept-1982
0000	85	:			Redo checking for X25-Protocol Groups to make sure the	
0000	86	:			entity and qualifier have a legal format.	
0000	87	:				
0000	88	:	V03-002	MKP0011	Kathy Perko	28-June-1982
0000	89	:			Redo qualifier parsing to save the qualifier's CPT	
0000	90	:			index instead of the network management parameter ID.	
0000	91	:			Add X25 and X29 Server, and X25 Trace module parameters.	
0000	92	:				
0000	93	:	V03-001	MKP0010	Kathy Perko	22-Feb-1982
0000	94	:			Redo X-25 Protocol Module parameter parsing.	
0000	95	:			Fix parsing of circuit OWNER parameter to validate only	
0000	96	:			executor node value, and save it as a bit for the SET	
0000	97	:			or DEFINE operation.	
0000	98	:				
0000	99	:	V02-010	MKP0009	Kathy Perko	15-Feb-1982
0000	100	:			Reinstate pipeline quota as an executor node parameter	
0000	101	:				
0000	102	:	V02-009	MKP0008	Kathy Perko	19-Jan-1982
0000	103	:			Add circuit parameter, transport protocol (NMA\$C_PCCI_XPT).	
0000	104	:				
0000	105	:	V02-008	MKP0007	Kathy Perko	7-Jan-1982
0000	106	:			One more time, now -- move the RTT parameter from circuits	
0000	107	:			back to lines.	
0000	108	:				
0000	109	:	V02-007	MKP0006	Kathy Perko	20-Dec-1981
0000	110	:			Add proxy login access parameters for nodes and objects.	
0000	111	:			Add DEC system 10/20 as an allowable CPU type for nodes.	
0000	112	:			Add DMF to device list for nodes.	
0000	113	:				
0000	114	:	V02-006	MKP0005	Kathy Perko	05-Dec-1981

0000	115	:	Complete node service device list. Add ACCESS parameter
0000	116	:	to allowable executor node parameters
0000	117	:	
0000	118	:	V02-005 MKP0004 Kathy Perko 19-Nov-1981
0000	119	:	Fix X25 protocol module parsing to check for grouping
0000	120	:	errors.
0000	121	:	
0000	122	:	V02-004 MKP0003 Kathy Perko 13-Nov-1981
0000	123	:	Add line clock parameter.
0000	124	:	
0000	125	:	V02-003 MKP0002 Kathy Perko 6-Sept-1981
0000	126	:	Add VMS specific parameters: CIRCUIT VERIFICATION,
0000	127	:	NODE ACCESS, EXECUTOR DEFAULT ACCESS and PIPELINE QUOTA.
0000	128	:	
0000	129	:	V02-002 MKP0001 Kathy Perko 13-July-1981
0000	130	:	Add multipoint and X25 parameters
0000	131	:	
0000	132	:	V02-002 LMK0002 Len Kawell 15-Feb-1981
0000	133	:	Enabled multi-point.
0000	134	:	
0000	135	:	01.01 LMK0001 14-JAN-1981
0000	136	:	Fix Software Type entry.
0000	137	:--	

```
0000 139      .SBTTL Declarations
0000 140 :
0000 141 : INCLUDE FILES:
0000 142 :
0000 143 :
0000 144 $NMADEF      : Network Management Layer definitions
0000 145 $NMLDEF      : NML definitions
0000 146 :
0000 147 :
0000 148 : OWN STORAGE:
0000 149 :
```

```
0000 151 .SBTTL NML$NPA_SEDECIR Set/Define circuit parameter state table
0000 152
0000 153 :+++++
0000 154 :Circuits
0000 155 :-----
0000 156
0000 157 IMMSG$ NML$NPA_SEDECIR
0000 158
0000 159 FIELDS$
0000 160 $EOM ,NPA$_EXIT,,NML$M_PR$_ALL,NML$GL_PR$_FLGS ; No parameters
0000 161 $NEXT
0010 162
0010 163 FIELDS$ NML_CIRCUIT_START
0000 164 $EOM ,NPA$_EXIT
0000 165 $$BEXP NML_CIRCUIT_STA,NML_CIRCUIT_START ; State
0000 166 $NEXT
0024 167
0024 168 FIELDS$
0000 169 $$BEXP NML_CIRCUIT_SER,NML_CIRCUIT_START ; Service
0000 170 $NEXT
0030 171
0030 172 FIELDS$
0000 173 $$BEXP NML_CIRCUIT_LCT,NML_CIRCUIT_START ; Counter timer
0000 174 $NEXT
003C 175
003C 176 FIELDS$
0000 177 $$BEXP NML_CIRCUIT_COS,NML_CIRCUIT_START ; Cost
0000 178 $NEXT
0048 179
0048 180 FIELDS$
0000 181 $$BEXP NML_CIRCUIT_MRT,NML_CIRCUIT_START ; Maximum routers on NI
0000 182 $NEXT
0054 183
0054 184 FIELDS$
0000 185 $$BEXP NML_CIRCUIT_RPR,NML_CIRCUIT_START ; Router priority on NI
0000 186 $NEXT
0060 187
0060 188 FIELDS$
0000 189 $$BEXP NML_CIRCUIT_HET,NML_CIRCUIT_START ; Hello timer
0000 190 $NEXT
006C 191
006C 192 FIELDS$
0000 193 $$BEXP NML_CIRCUIT_BLK,NML_CIRCUIT_START ; Blocking
0000 194 $NEXT
0078 195
0078 196 FIELDS$
0000 197 $$BEXP NML_CIRCUIT_MRC,NML_CIRCUIT_START ; Maximum recalls
0000 198 $NEXT
0084 199
0084 200 FIELDS$
0000 201 $$BEXP NML_CIRCUIT_RCT,NML_CIRCUIT_START ; Recall timer
0000 202 $NEXT
0090 203
0090 204 FIELDS$
0000 205 $$BEXP NML_CIRCUIT_NUM,NML_CIRCUIT_START ; Number
0000 206 $NEXT
009C 207
```


009C	208	FIELD\$		
0000	209	\$SBEXP	NML_CIRCUIT_POL,NML_CIRCUIT_START	; Polling state
0000	210	\$NEXT		
00A8	211			
00A8	212	FIELD\$		
0000	213	\$SBEXP	NML_CIRCUIT_OWN,NML_CIRCUIT_START	; Owner entity
0000	214	\$NEXT		
00B4	215			
00B4	216	FIELD\$		
0000	217	\$SBEXP	NML_CIRCUIT_USE,NML_CIRCUIT_START	; Usage
0000	218	\$NEXT		
00C0	219			
00C0	220	FIELD\$		
0000	221	\$SBEXP	NML_CIRCUIT_TYP,NML_CIRCUIT_START	; Type
0000	222	\$NEXT		
00CC	223			
00CC	224	FIELD\$		
0000	225	\$SBEXP	NML_CIRCUIT_DTE,NML_CIRCUIT_START	; DTE
0000	226	\$NEXT		
00D8	227			
00D8	228	FIELD\$		
0000	229	\$SBEXP	NML_CIRCUIT_CHN,NML_CIRCUIT_START	; Channel
0000	230	\$NEXT		
00E4	231			
00E4	232	FIELD\$		
0000	233	\$SBEXP	NML_CIRCUIT_MBL,NML_CIRCUIT_START	; Maximum block
0000	234	\$NEXT		
00F0	235			
00F0	236	FIELD\$		
0000	237	\$SBEXP	NML_CIRCUIT_MWI,NML_CIRCUIT_START	; Maximum window
0000	238	\$NEXT		
00FC	239			
00FC	240	FIELD\$		
0000	241	\$SBEXP	NML_CIRCUIT_TRI,NML_CIRCUIT_START	; Tributary
0000	242	\$NEXT		
0108	243			
0108	244	FIELD\$		
0000	245	\$SBEXP	NML_CIRCUIT_BBT,NML_CIRCUIT_START	; Babble timer
0000	246	\$NEXT		
0114	247			
0114	248	FIELD\$		
0000	249	\$SBEXP	NML_CIRCUIT_TRT,NML_CIRCUIT_START	; Transmit timer
0000	250	\$NEXT		
0120	251			
0120	252	FIELD\$		
0000	253	\$SBEXP	NML_CIRCUIT_MRB,NML_CIRCUIT_START	; Maximum receive buffers
0000	254	\$NEXT		
012C	255			
012C	256	FIELD\$		
0000	257	\$SBEXP	NML_CIRCUIT_MTR,NML_CIRCUIT_START	; Maximum transmits
0000	258	\$NEXT		
0138	259			
0138	260	FIELD\$		
0000	261	\$SBEXP	NML_CIRCUIT_ACB,NML_CIRCUIT_START	; Active base
0000	262	\$NEXT		
0144	263			
0144	264	FIELD\$		

0000	265	\$SBEXP	NML_CIRCUIT_ACI,NML_CIRCUIT_START	: Active increment
0000	266	\$NEXT		
0150	267			
0150	268	FIELDS		
0000	269	\$SBEXP	NML_CIRCUIT_IAB,NML_CIRCUIT_START	: Inactive base
0000	270	\$NEXT		
015C	271			
015C	272	FIELDS		
0000	273	\$SBEXP	NML_CIRCUIT_IAI,NML_CIRCUIT_START	: Inactive increment
0000	274	\$NEXT		
0168	275			
0168	276	FIELDS		
0000	277	\$SBEXP	NML_CIRCUIT_IAT,NML_CIRCUIT_START	: Inactive threshold
0000	278	\$NEXT		
0174	279			
0174	280	FIELDS		
0000	281	\$SBEXP	NML_CIRCUIT_DYB,NML_CIRCUIT_START	: Dying base
0000	282	\$NEXT		
0180	283			
0180	284	FIELDS		
0000	285	\$SBEXP	NML_CIRCUIT_DYI,NML_CIRCUIT_START	: Dying increment
0000	286	\$NEXT		
018C	287			
018C	288	FIELDS		
0000	289	\$SBEXP	NML_CIRCUIT_DYT,NML_CIRCUIT_START	: Dying threshold
0000	290	\$NEXT		
0198	291			
0198	292	FIELDS		
0000	293	\$SBEXP	NML_CIRCUIT_DTH,NML_CIRCUIT_START	: Dead threshold
0000	294	\$NEXT		
01A4	295			
01A4	296	FIELDS		
0000	297	\$SBEXP	NML_CIRCUIT_VER,NML_CIRCUIT_START	: Verification
0000	298	\$NEXT		
01B0	299			
01B0	300	FIELDS		
0000	301	\$SBEXP	NML_CIRCUIT_XPT,NML_CIRCUIT_START	: Transport protocol
0000	302	\$NEXT		
01BC	303			
01BC	304	FIELDS		
0000	305	\$MATCH	2,NML_PTY_ERR	: Unrecognized parameter type
0000	306	\$NULL	,NML_FOR_ERR	: Format error

```
0000 308 FIELDS NML_CIRCUIT_STA : State parameter
0000 309 $WORD NMA$C_PCCI_STA,,,CPT$GK_PCCI_STA,NML$GL_PRCODE
0000 310 FIELDS
0000 311 $EOM ,NML_FOR_ERR : Format error
0000 312 $LOOK NMA$C_STATE_ON,NML_BYTE_SUB : On
0000 313 $LOOK NMA$C_STATE_OFF,NML_BYTE_SUB : Off
0000 314 $LOOK NMA$C_STATE_SER,NML_BYTE_SUB : Service
0000 315 $LOOK NMA$C_STATE_CLE,NML_BYTE_SUB : Cleared
0000 316 $NULL ,NML_PVA_ERR : Parameter value error
0000 317
0000 318 FIELDS NML_CIRCUIT_SER : Service parameter
0000 319 $WORD NMA$C_PCCI_SER,,,CPT$GK_PCCI_SER,NML$GL_PRCODE
0000 320 FIELDS
0000 321 $EOM ,NML_FOR_ERR : Format error
0000 322 $LOOK NMA$C_LINSV_ENA,NML_BYTE_SUB : Enabled
0000 323 $LOOK NMA$C_LINSV_DIS,NML_BYTE_SUB : Disabled
0000 324 $NULL ,NML_PVA_ERR : Parameter value error
0000 325
0000 326 FIELDS NML_CIRCUIT_LCT : Counter timer
0000 327 $WORD NMA$C_PCCI_LCT,NML_WORD_SUB,,CPT$GK_PCCI_LCT,NML$GL_PRCODE
0000 328
0000 329 FIELDS NML_CIRCUIT_COS : Cost
0000 330 $WORD NMA$C_PCCI_COS,NML_BYTE_SUB,,CPT$GK_PCCI_COS,NML$GL_PRCODE
0000 331
0000 332 FIELDS NML_CIRCUIT_MRT : Maximum routers on NI
0000 333 $WORD NMA$C_PCCI_MRT,NML_BYTE_SUB,,CPT$GK_PCCI_MRT,NML$GL_PRCODE
0000 334
0000 335 FIELDS NML_CIRCUIT_RPR : Router priority on NI
0000 336 $WORD NMA$C_PCCI_RPR,NML_BYTE_SUB,,CPT$GK_PCCI_RPR,NML$GL_PRCODE
0000 337
0000 338 FIELDS NML_CIRCUIT_HET : Hello timer
0000 339 $WORD NMA$C_PCCI_HET,NML_WORD_SUB,,CPT$GK_PCCI_HET,NML$GL_PRCODE
0000 340
0000 341 FIELDS NML_CIRCUIT_BLK : Blocking
0000 342 $WORD NMA$C_PCCI_BLK,,,CPT$GK_PCCI_BLK,NML$GL_PRCODE
0000 343 FIELDS
0000 344 $EOM ,NML_FOR_ERR : Format error
0000 345 $LOOK NMA$C_CIRBLK_ENA,NML_BYTE_SUB : Enabled
0000 346 $LOOK NMA$C_CIRBLK_DIS,NML_BYTE_SUB : Disabled
0000 347 $NULL ,NML_PVA_ERR : Parameter value error
0000 348
0000 349 FIELDS NML_CIRCUIT_MRC : Maximum recalls
0000 350 $WORD NMA$C_PCCI_MRC,NML_BYTE_SUB,,CPT$GK_PCCI_MRC,NML$GL_PRCODE
0000 351
0000 352 FIELDS NML_CIRCUIT_RCT : Recall timer
0000 353 $WORD NMA$C_PCCI_RCT,NML_WORD_SUB,,CPT$GK_PCCI_RCT,NML$GL_PRCODE
0000 354
0000 355 FIELDS NML_CIRCUIT_NUM : Number
0000 356 $WORD NMA$C_PCCI_NUM,NML_IMC_SUB,,CPT$GK_PCCI_NUM,NML$GL_PRCODE
0000 357
0000 358 FIELDS NML_CIRCUIT_POL : Polling state
0000 359 $WORD NMA$C_PCCI_POL,,,CPT$GK_PCCI_POL,NML$GL_PRCODE
0000 360 FIELDS
0000 361 $EOM ,NML_FOR_ERR : Format error
0000 362 $LOOK NMA$C_CIRPST_AUT,NML_BYTE_SUB : Automatic
0000 363 $LOOK NMA$C_CIRPST_ACT,NML_BYTE_SUB : Active
0000 364 $LOOK NMA$C_CIRPST_INA,NML_BYTE_SUB : Inactive
```



```
0000 365 $LOOK NMAC_CIRPST_DIE,NML_BYTE_SUB ; Dying
0000 366 $LOOK NMAC_CIRPST_DED,NML_BYTE_SUB ; Dead
0000 367 $NULL ,NML_PVA_ERR ; Parameter value error
0000 368
0000 369 FIELDS NML_CIRCUIT_OWN ; Owner entity identification
0000 370 $WORD NMAC_PCCI_OWN,NML_OWN_PRM,,CPT$GK_PCCI_OWN,NML$GL_PRCODE
0000 371
0000 372 FIELDS NML_OWN_PRM
0000 373 $SBEXP NML_OWN_SUB,NPAS_EXIT
0000 374 $NULL ,NML_PVA_ERR
0000 375
0000 376 FIELDS NML_OWN_SUB ; The only valid owner is EXECUTOR node.
0000 377 $BYTE NMAC_ERT_NOD,NML_CHK_NODADR ; Check for entity type = node
0000 378 ; Return failure from subexpression
0000 379 FIELDS NML_CHK_NODADR
0000 380 $LOOK 0,NML_CHK_EXEADR
0000 381 $IMAGE 16,NPAS_EXIT,NML$PRM_CIRC_OWNER, - ; Save parameter as a set bit.
0000 382 ;,NMAC_PCNO_NNA
0000 383
0000 384 FIELDS NML_CHK_EXEADR ; Check for executor node address.
0000 385 $MATCH 3,NPAS_EXIT,NML$PRM_CIRC_OWNER, -
0000 386 ;,NMAC_PCNO_ADD
0000 387
0000 388
0000 389 FIELDS NML_CIRCUIT_USE ; Usage
0000 390 $WORD NMAC_PCCI_OSE,,,CPT$GK_PCCI_USE,NML$GL_PRCODE
0000 391 FIELDS
0000 392 $EOM ,NML_FOR_ERR ; Format error
0000 393 $LOOK NMAC_CIRUS_PER,NML_BYTE_SUB ; Permanent
0000 394 $LOOK NMAC_CIRUS_INC,NML_BYTE_SUB ; Incoming
0000 395 $LOOK NMAC_CIRUS_OUT,NML_BYTE_SUB ; Outgoing
0000 396 $NULL ,NML_PVA_ERR ; Parameter value error
0000 397
0000 398 FIELDS NML_CIRCUIT_TYP ; Type
0000 399 $WORD NMAC_PCCI_TYP,,,CPT$GK_PCCI_TYP,NML$GL_PRCODE
0000 400 FIELDS
0000 401 $EOM ,NML_FOR_ERR ; Format error
0000 402 $LOOK NMAC_CIRTY_POI,NML_BYTE_SUB ; DDCMP Point
0000 403 $LOOK NMAC_CIRTY_CON,NML_BYTE_SUB ; DDCMP Controller
0000 404 $LOOK NMAC_CIRTY_TRI,NML_BYTE_SUB ; DDCMP Tributary
0000 405 $LOOK NMAC_CIRTY_X25,NML_BYTE_SUB ; X25
0000 406 $LOOK NMAC_CIRTY_DMC,NML_BYTE_SUB ; DDCMP DMC compatibility mode (DMP)
0000 407 $NULL ,NML_PVA_ERR ; Parameter value error
0000 408
0000 409 FIELDS NML_CIRCUIT_DTE ; DTE
0000 410 $WORD NMAC_PCCI_DTE,NML_IMG_SUB,,CPT$GK_PCCI_DTE,NML$GL_PRCODE
0000 411
0000 412 FIELDS NML_CIRCUIT_CHN ; Channel
0000 413 $WORD NMAC_PCCI_CHN,NML_WORD_SUB,,CPT$GK_PCCI_CHN,NML$GL_PRCODE
0000 414
0000 415 FIELDS NML_CIRCUIT_MBL ; Maximum block
0000 416 $WORD NMAC_PCCI_MBL,NML_WORD_SUB,,CPT$GK_PCCI_MBL,NML$GL_PRCODE
0000 417
0000 418 FIELDS NML_CIRCUIT_MWI ; Maximum window
0000 419 $WORD NMAC_PCCI_MWI,NML_BYTE_SUB,,CPT$GK_PCCI_MWI,NML$GL_PRCODE
0000 420
0000 421 FIELDS NML_CIRCUIT_TRI ; Tributary
```

```

0000 422 SWORD NMASC_PCCI_TRI,NML_BYTE_SUB,,CPT$GK_PCCI_TRI,NML$GL_PRCODE
0000 423
0000 424 FIELDS NML_CIRCUIT_BBT : Babble timer
0000 425 SWORD NMASC_PCCI_BBT,NML_WORD_SUB,,CPT$GK_PCCI_BBT,NML$GL_PRCODE
0000 426
0000 427 FIELDS NML_CIRCUIT_TRT : Transmit timer
0000 428 SWORD NMASC_PCCI_TRT,NML_WORD_SUB,,CPT$GK_PCCI_TRT,NML$GL_PRCODE
0000 429
0000 430 FIELDS NML_CIRCUIT_MRB : Maximum receive buffers
0000 431 SWORD NMASC_PCCI_MRB,NML_BYTE_SUB,,CPT$GK_PCCI_MRB,NML$GL_PRCODE
0000 432
0000 433 FIELDS NML_CIRCUIT_MTR : Maximum transmits
0000 434 SWORD NMASC_PCCI_MTR,NML_BYTE_SUB,,CPT$GK_PCCI_MTR,NML$GL_PRCODE
0000 435
0000 436 FIELDS NML_CIRCUIT_ACB : Active base
0000 437 SWORD NMASC_PCCI_ACB,NML_BYTE_SUB,,CPT$GK_PCCI_ACB,NML$GL_PRCODE
0000 438
0000 439 FIELDS NML_CIRCUIT_ACI : Active increment
0000 440 SWORD NMASC_PCCI_ACI,NML_BYTE_SUB,,CPT$GK_PCCI_ACI,NML$GL_PRCODE
0000 441
0000 442 FIELDS NML_CIRCUIT_IAB : Inactive base
0000 443 SWORD NMASC_PCCI_IAB,NML_BYTE_SUB,,CPT$GK_PCCI_IAB,NML$GL_PRCODE
0000 444
0000 445 FIELDS NML_CIRCUIT_IAI : Inactive increment
0000 446 SWORD NMASC_PCCI_IAI,NML_BYTE_SUB,,CPT$GK_PCCI_IAI,NML$GL_PRCODE
0000 447
0000 448 FIELDS NML_CIRCUIT_IAT : Inactive threshold
0000 449 SWORD NMASC_PCCI_IAT,NML_BYTE_SUB,,CPT$GK_PCCI_IAT,NML$GL_PRCODE
0000 450
0000 451 FIELDS NML_CIRCUIT_DYB : Dying base
0000 452 SWORD NMASC_PCCI_DYB,NML_BYTE_SUB,,CPT$GK_PCCI_DYB,NML$GL_PRCODE
0000 453
0000 454 FIELDS NML_CIRCUIT_DYI : Dying increment
0000 455 SWORD NMASC_PCCI_DYI,NML_BYTE_SUB,,CPT$GK_PCCI_DYI,NML$GL_PRCODE
0000 456
0000 457 FIELDS NML_CIRCUIT_DYT : Dying threshold
0000 458 SWORD NMASC_PCCI_DYT,NML_BYTE_SUB,,CPT$GK_PCCI_DYT,NML$GL_PRCODE
0000 459
0000 460 FIELDS NML_CIRCUIT_DTH : Dead threshold
0000 461 SWORD NMASC_PCCI_DTH,NML_BYTE_SUB,,CPT$GK_PCCI_DTH,NML$GL_PRCODE
0000 462
0000 463 FIELDS NML_CIRCUIT_VER : Verification
0000 464 SWORD NMASC_PCCI_VER,,,CPT$GK_PCCI_VER,NML$GL_PRCODE
0000 465 FIELDS
0000 466 SEOM ,NML_FOR_ERR : Format error
0000 467 SLOOK NMASC_CIRVE_ENA,NML_BYTE_SUB : Enabled
0000 468 SLOOK NMASC_CIRVE_DIS,NML_BYTE_SUB : Disabled
0000 469 SNULL ,NML_PVA_ERR : Parameter value error
0000 470
0000 471 FIELDS NML_CIRCUIT_XPT : Transport protocol
0000 472 SWORD NMASC_PCCI_XPT,NML_BYTE_SUB,,CPT$GK_PCCI_XPT,NML$GL_PRCODE
0000 473
0000 474 FIELDS : End of circuit parameter states

```

```

0000 476 .SBTTL NML$NPA_SEDELIN Set/Define line parameter state table
0000 477
0000 478 :+++++
0000 479 : line
0000 480 :-----
0000 481
0000 482 IMGS NML$NPA_SEDELIN
0000 483
0000 484 FIELDS
0000 485 $EOM ,NPAS_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ; No parameters
0000 486 $NEXT
0658 487
0658 488 FIELDS NML_LIN_START
0000 489 $EOM ,NPAS_EXIT
0000 490 $$BEXP NML_LIN_STA,NML_LIN_START ; State
0000 491 $NEXT
066C 492
066C 493 FIELDS
0000 494 $$BEXP NML_LIN_SER,NML_LIN_START ; Service
0000 495 $NEXT
0678 496
0678 497 FIELDS
0000 498 $$BEXP NML_LIN_LCT,NML_LIN_START ; Counter timer
0000 499 $NEXT
0684 500
0684 501 FIELDS
0000 502 $$BEXP NML_LIN_PRO,NML_LIN_START ; Protocol
0000 503 $NEXT
0690 504
0690 505 FIELDS
0000 506 $$BEXP NML_LIN_DUP,NML_LIN_START ; Duplex
0000 507 $NEXT
069C 508
069C 509 FIELDS
0000 510 $$BEXP NML_LIN_CON,NML_LIN_START ; Controller
0000 511 $NEXT
06A8 512
06A8 513 FIELDS
0000 514 $$BEXP NML_LIN_CLO,NML_LIN_START ; Clock
0000 515 $NEXT
06B4 516
06B4 517 FIELDS
0000 518 $$BEXP NML_LIN_STI,NML_LIN_START ; Service timer
0000 519 $NEXT
06C0 520
06C0 521 FIELDS
0000 522 $$BEXP NML_LIN_RTT,NML_LIN_START ; Retransmit timer
0000 523 $NEXT
06CC 524
06CC 525 FIELDS
0000 526 $$BEXP NML_LIN_HTI,NML_LIN_START ; Holdback timer
0000 527 $NEXT
06D8 528
06D8 529 FIELDS
0000 530 $$BEXP NML_LIN_MBL,NML_LIN_START ; Maximum block
0000 531 $NEXT
06E4 532

```


06E4	533	FIELD\$		
0000	534	\$SBEXP	NML_LIN_MRT,NML_LIN_START	; Maximum retransmits
0000	535	\$NEXT		
06F0	536	FIELD\$		
0000	537	\$SBEXP	NML_LIN_MWI,NML_LIN_START	; Maximum window
0000	538	\$SBEXP		
0000	539	\$NEXT		
06FC	540	FIELD\$		
0000	541	\$SBEXP	NML_LIN_SLT,NML_LIN_START	; Scheduling timer
0000	542	\$SBEXP		
0000	543	\$NEXT		
0708	544	FIELD\$		
0000	545	\$SBEXP	NML_LIN_DDT,NML_LIN_START	; Dead timer
0000	546	\$SBEXP		
0000	547	\$NEXT		
0714	548	FIELD\$		
0000	549	\$SBEXP	NML_LIN_DLT,NML_LIN_START	; Delay timer
0000	550	\$SBEXP		
0000	551	\$NEXT		
0720	552	FIELD\$		
0000	553	\$SBEXP	NML_LIN_SRT,NML_LIN_START	; Stream timer
0000	554	\$SBEXP		
0000	555	\$NEXT		
072C	556	FIELD\$		
0000	557	\$SBEXP	NML_LIN_BFN,NML_LIN_START	; Receive buffer size
0000	558	\$SBEXP		
0000	559	\$NEXT		
0738	560	FIELD\$		
0000	561	\$SBEXP	NML_LIN_MCD,NML_LIN_START	; Microcode dump filespec (write only)
0000	562	\$SBEXP		
0000	563	\$NEXT		
0744	564	FIELD\$		
0000	565	\$SBEXP	NML_LIN_XMD,NML_LIN_START	; PCL address mode
0000	566	\$SBEXP		
0000	567	\$NEXT		
0750	568	FIELD\$		
0000	569	\$SBEXP	NML_LIN_EPT,NML_LIN_START	; Ethernet Protocol type for datalink
0000	570	\$SBEXP		
0000	571	\$NEXT		
075C	572	FIELD\$		
0000	573	\$SBEXP	NML_LIN_BSZ,NML_LIN_START	; Ethernet buffer size
0000	574	\$SBEXP		
0000	575	\$NEXT		
0768	576	FIELD\$		
0000	577	\$MATCH	2,NML_PTY_ERR	; Unrecognized parameter type
0000	578	\$MATCH	,NML_FOR_ERR	; Format error
0000	579	\$NULL		
0000	580	FIELD\$		
0000	581	\$WORD	NML_LIN_STA	; State parameter
0000	582	\$WORD	NMASC_PCLI_STA,,,CPT\$GK_PCLI_STA,NML\$GL_PRCODE	
0000	583	FIELD\$		
0000	584	\$EOM	,NML_FOR_ERR	; Format error
0000	585	\$LOOK	NMASC_STATE_ON,NML_BYTE_SUB	; On
0000	586	\$LOOK	NMASC_STATE_OFF,NML_BYTE_SUB	; Off
0000	587	\$LOOK	NMASC_STATE_SER,NML_BYTE_SUB	; Service
0000	588	\$NULL	,NML_PVA_ERR	; Parameter value error
0000	589			

```
0000 590 FIELDS NML LIN SER : Service parameter
0000 591 $WORD NMASC_PCLI_SER,,,CPT$GK_PCLI_SER,NML$GL_PRMCODE
0000 592 FIELDS
0000 593 $EOM ,NML FOR ERR : Format error
0000 594 $LOOK NMASC_LINSV_ENA,NML_BYTE_SUB : Enabled
0000 595 $LOOK NMASC_LINSV_DIS,NML_BYTE_SUB : Disabled
0000 596 $NULL ,NML_PVA_ERR : Parameter value error
0000 597
0000 598 FIELDS NML LIN LCT : Counter timer
0000 599 $WORD NMASC_PCLI_LCT,NML_WORD_SUB,,,CPT$GK_PCLI_LCT,NML$GL_PRMCODE
0000 600
0000 601 FIELDS NML LIN PRO : Protocol parameter
0000 602 $WORD NMASC_PCLI_PRO,NML_BYTE_SUB,,,CPT$GK_PCLI_PRO,NML$GL_PRMCODE
0000 603
0000 604 FIELDS NML LIN DUP : Duplex parameter
0000 605 $WORD NMASC_PCLI_DUP,,,CPT$GK_PCLI_DUP,NML$GL_PRMCODE
0000 606 FIELDS
0000 607 $EOM ,NML FOR ERR : Format error
0000 608 $LOOK NMASC_DPX_FUL,NML_BYTE_SUB : Full duplex
0000 609 $LOOK NMASC_DPX_HAL,NML_BYTE_SUB : Half duplex
0000 610 $NULL ,NML_PVA_ERR : Parameter value error
0000 611
0000 612 FIELDS NML LIN CON : Controller mode parameter
0000 613 $WORD NMASC_PCLI_CON,,,CPT$GK_PCLI_CON,NML$GL_PRMCODE
0000 614 FIELDS
0000 615 $EOM ,NML FOR ERR : Format error
0000 616 $LOOK NMASC_LINC_NOR,NML_BYTE_SUB : Normal
0000 617 $LOOK NMASC_LINC_LOO,NML_BYTE_SUB : Loopback
0000 618 $NULL ,NML_PVA_ERR : Parameter value error
0000 619
0000 620 FIELDS NML LIN CLO : Clockparameter
0000 621 $WORD NMASC_PCLI_CLO,,,CPT$GK_PCLI_CLO,NML$GL_PRMCODE
0000 622 FIELDS
0000 623 $EOM ,NML FOR ERR : Format error
0000 624 $LOOK NMASC_LINCL_EXT,NML_BYTE_SUB : External
0000 625 $LOOK NMASC_LINCL_INT,NML_BYTE_SUB : Internal
0000 626 $NULL ,NML_PVA_ERR : Parameter value error
0000 627
0000 628 FIELDS NML LIN STI : Service timer parameter
0000 629 $WORD NMASC_PCLI_STI,NML_WORD_SUB,,,CPT$GK_PCLI_STI,NML$GL_PRMCODE
0000 630
0000 631 FIELDS NML LIN RTT : Retransmit timer
0000 632 $WORD NMASC_PCLI_RTT,NML_WORD_SUB,,,CPT$GK_PCLI_RTT,NML$GL_PRMCODE
0000 633
0000 634 FIELDS NML LIN HTI : Holdback timer parameter
0000 635 $WORD NMASC_PCLI_HTI,NML_WORD_SUB,,,CPT$GK_PCLI_HTI,NML$GL_PRMCODE
0000 636
0000 637 FIELDS NML LIN MBL : Maximum block parameter
0000 638 $WORD NMASC_PCLI_MBL,NML_WORD_SUB,,,CPT$GK_PCLI_MBL,NML$GL_PRMCODE
0000 639
0000 640 FIELDS NML LIN MRT : Maximum retransmits parameter
0000 641 $WORD NMASC_PCLI_MRT,NML_BYTE_SUB,,,CPT$GK_PCLI_MRT,NML$GL_PRMCODE
0000 642
0000 643 FIELDS NML LIN MWI : Maximum window parameter
0000 644 $WORD NMASC_PCLI_MWI,NML_BYTE_SUB,,,CPT$GK_PCLI_MWI,NML$GL_PRMCODE
0000 645
0000 646 FIELDS NML LIN SLT : Scheduling timer parameter
```

```
0000 647 $WORD NMAC_PCLI_SLT,NML_WORD_SUB,,CPT$GK_PCLI_SLT,NML$GL_PRMCODE
0000 648
0000 649 FIELDS NML LIN DDT : Dead timer parameter
0000 650 $WORD NMAC_PCLI_DDT,NML_WORD_SUB,,CPT$GK_PCLI_DDT,NML$GL_PRMCODE
0000 651
0000 652 FIELDS NML LIN DLT : Maximum retransmits parameter
0000 653 $WORD NMAC_PCLI_DLT,NML_WORD_SUB,,CPT$GK_PCLI_DLT,NML$GL_PRMCODE
0000 654
0000 655 FIELDS NML LIN SRT : Maximum retransmits parameter
0000 656 $WORD NMAC_PCLI_SRT,NML_WORD_SUB,,CPT$GK_PCLI_SRT,NML$GL_PRMCODE
0000 657
0000 658 FIELDS NML LIN BFN : Buffer size
0000 659 $WORD NMAC_PCLI_BFN,NML_WORD_SUB,,CPT$GK_PCLI_BFN,NML$GL_PRMCODE
0000 660
0000 661 FIELDS NML LIN MCD : Microcode dump filespec (WO)
0000 662 $WORD NMAC_PCLI_MCD,NML_IMG_SUB,,CPT$GK_PCLI_MCD,NML$GL_PRMCODE
0000 663
0000 664 FIELDS NML LIN XMD : PCL address mode
0000 665 $WORD NMAC_PCLI_XMD,NML_BYTE_SUB,,CPT$GK_PCLI_XMD,NML$GL_PRMCODE
0000 666
0000 667 FIELDS NML LIN EPT : Ethernet Protocol Type
0000 668 $WORD NMAC_PCLI_EPT,NML_WORD_SUB,,CPT$GK_PCLI_EPT,NML$GL_PRMCODE
0000 669
0000 670 FIELDS NML LIN BSZ : Ethernet Buffer Size
0000 671 $WORD NMAC_PCLI_BSZ,NML_WORD_SUB,,CPT$GK_PCLI_BSZ,NML$GL_PRMCODE
0000 672
0000 673 FIELDS : End of line parameter states
```



```
0000 675 .SBTTL NML$NPA_SEDELOG Set/Define logging parameter state table
0000 676
0000 677 :+
0000 678 : logging
0000 679 :-
0000 680
0000 681 MSGS NML$NPA_SEDELOG
0000 682
0000 683 FIELDS
0000 684 SEOM ,NPAS_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ; No parameters
0000 685 $NEXT
0A04 686
0A04 687 FIELDS NML_LOG_START
0000 688 $SBEXP NML_LOG_STA,NML_LOG_START,NML$PRM_CHKESI ; State
0000 689 $NEXT
0A14 690
0A14 691 FIELDS
0000 692 $SBEXP NML_LOG_LNA,NML_LOG_START,NML$PRM_CHKESI ; Name
0000 693 $NEXT
0A24 694
0A24 695 FIELDS
0000 696 $SBEXP NML_LOG_SIN,NML_LOG_START,NML$PRM_CHKEFI,- ; Sink node
0000 697 NML$M_PRS_SKNOD,NML$GL_PRS_FLGS
0000 698 $NEXT
0A3C 699
0A3C 700 FIELDS
0000 701 $SBEXP NML_LOG_EVE,NML_LOG_START,NML$PRM_CHKEFI ; Events
0000 702 $NEXT
0A4C 703
0A4C 704 FIELDS
0000 705 SEOM ,NML_LOG_LAST,NML$PRSEXESNK ; End of message
0000 706 $MATCH 2,NML_PTY_ERR ; Unrecognized parameter type
0000 707 $NULL ,NML_FOR_ERR ; Format error
0000 708
0000 709 FIELDS NML_LOG_LAST
0000 710 $NULL ,NPAS_EXIT,NML$PRM_CHKEVE ; Event parameter may be required
0000 711 :
0000 712 : Event logging parameters
0000 713 :
0000 714 FIELDS NML_LOG_STA ; State parameter
0000 715 $WORD NMASC_PCLO_STA,,,CPT$GK_PCLO_STA,NML$GL_PRCODE
0000 716 FIELDS
0000 717 SEOM ,NML_FOR_ERR ; Format error
0000 718 $LOOK NMASC_STATE_ON,NML_BYTE_SUB ; On
0000 719 $LOOK NMASC_STATE_OFF,NML_BYTE_SUB ; Off
0000 720 $LOOK NMASC_STATE_HOLD,NML_BYTE_SUB ; Hold
0000 721 $NULL ,NML_PVA_ERR ; Parameter value error
0000 722
0000 723 FIELDS NML_LOG_LNA ; Name parameter
0000 724 $WORD NMASC_PCLO_LNA,NML_IMG_SUB,,,CPT$GK_PCLO_LNA,NML$GL_PRCODE
0000 725
0000 726
0000 727 FIELDS NML_LOG_EVE ; Event parameter
0000 728 $WORD NMASC_PCLO_EVE,,,CPT$GK_PCLO_EVE,NML$GL_PRCODE
0000 729 FIELDS NML_EVE_SUB
0000 730 $BYTE NMASC_ENT_KNO,NML_EVE_CLASS,NML$PRM_EVTSRCTYP ; No entity specified
0000 731 $BYTE NMASC_ENT_NOD,NML_EVE_NODEID,NML$PRM_EVTSRCTYP ; Node entity
```

```
0000 732 $BYTE NMACC_ENT_CIR,NML_EVE_STRING_ID,NML$PRM_EVTSRCTYP ; Circuit entity
0000 733 $BYTE NMACC_ENT_LIN,NML_EVE_STRING_ID,NML$PRM_EVTSRCTYP ; Line entity
0000 734 $BYTE NMACC_ENT_MOD,NML_EVE_STRING_ID,NML$PRM_EVTSRCTYP ; Module entity
0000 735 $NULL ,NML_FOR_ERR ; Message format error
0000 736
0000 737 FIELDS NML EVE NODEID ; Source node id
0000 738 $LOOK 0,NML_EVE_NODNUM
0000 739 $IMAGE 6,NML_EVE_CLASS,NML$PRM_EVTSOURCE
0000 740
0000 741 FIELDS NML EVE NODNUM
0000 742 $MATCH 3,NML_EVE_CLASS,NML$PRM_EVTSOURCE
0000 743
0000 744 FIELDS NML EVE STRING ID ; Source string id (circuits, lines,
0000 745 $IMAGE 16,NML_EVE_CLASS,NML$PRM_EVTSOURCE ; and modules
0000 746
0000 747 FIELDS NML EVE CLASS
0000 748 $EOM ,NML_FOR_ERR ; Message format error
0000 749 $MATCH 1,NML_EVE_CLASS2,NML$PRM_EVTCLASS ; Match class byte
0000 750
0000 751 FIELDS NML EVE CLASS2
0000 752 $EXTZV <0,8,2,NPAS_ADVANCE>,NML EVE_LIST,NML$PRM_EVTMSKTYP ; Single class
0000 753 $EXTZV <2,6,2,NPAS_ADVANCE>,NPAS_EXIT,NML$PRM_EVTMSKTYP ; Entire class
0000 754 $EXTZV <3,6,2,NPAS_ADVANCE>,NPAS_EXIT,NML$PRM_EVTMSKTYP ; Known events
0000 755
0000 756 FIELDS NML EVE LIST
0000 757 $IMAGE 8,NPAS_EXIT,NML$PRM_EVTMASK
0000 758 $NULL ,NML_FOR_ERR ; Message format error
0000 759
0000 760 FIELDS NML LOG SIN ; Sink node parameter
0000 761 $WORD NMACC_PCLO_SIN,,,CPT$GK_PCLO_SIN,NML$GL_PRCODE
0000 762 FIELDS
0000 763 $LOOK 0,NML LOG SINADR
0000 764 $IMAGE 6,NPAS_EXIT,NML$PRSSNKNNA ; Sink node name
0000 765 $NULL ,NML_FOR_ERR ; Message format error
0000 766
0000 767 FIELDS NML LOG SINADR
0000 768 $MATCH 3,NPAS_EXIT,NML$PRSSNKNAD ; Sink node address
0000 769 $NULL ,NML_FOR_ERR
0000 770
0000 771 FIELDS ; End of logging parameter states
```

```
0000 773 .SBTTL NML$NPA_SEDEEXE Set/Define executor parameter state table
0000 774
0000 775 :+
0000 776 :- executor
0000 777 :-
0000 778
0000 779 IMGS NML$NPA_SEDEEXE
0000 780
0000 781 FIELDS
0000 782 $EOM ,NPAS_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ; No parameters
0000 783 $NEXT
0000 784
0000 785 FIELDS NML_EXE_START
0000 786 $EOM ,NPAS_EXIT
0000 787 $NEXT
0000 788
0000 789 FIELDS
0000 790 $SBEXP NML_EXE_STA,NML_EXE_START,NML$PRM_CHKEXE ; State
0000 791 $NEXT
0000 792
0000 793 FIELDS
0000 794 $SBEXP NML_EXE_IDE,NML_EXE_START,NML$PRM_CHKEXE ; Identification
0000 795 $NEXT
0000 796
0000 797 FIELDS
0000 798 $SBEXP NML_NOD_CTI,NML_EXE_START,NML$PRM_CHKOD ; Counter timer
0000 799 $NEXT
0000 800
0000 801 FIELDS
0000 802 $SBEXP NML_EXE_NNA,NML_EXE_START,NML$PRM_CHKOD ; Name
0000 803 $NEXT
0000 804
0000 805 FIELDS
0000 806 $SBEXP NML_EXE_ADD,NML_EXE_START,NML$PRM_CHKEXE ; Address
0000 807 $NEXT
0000 808
0000 809 FIELDS
0000 810 $SBEXP NML_EXE_ITI,NML_EXE_START,NML$PRM_CHKEXE ; Incoming timer
0000 811 $NEXT
0000 812
0000 813 FIELDS
0000 814 $SBEXP NML_EXE_OTI,NML_EXE_START,NML$PRM_CHKEXE ; Outgoing timer
0000 815 $NEXT
0000 816
0000 817 FIELDS
0000 818 $SBEXP NML_EXE_MLK,NML_EXE_START,NML$PRM_CHKEXE ; Maximum links
0000 819 $NEXT
0000 820
0000 821 FIELDS
0000 822 $SBEXP NML_EXE_DFA,NML_EXE_START,NML$PRM_CHKEXE ; Delay factor
0000 823 $NEXT
0000 824
0000 825 FIELDS
0000 826 $SBEXP NML_EXE_DWE,NML_EXE_START,NML$PRM_CHKEXE ; Delay weight
0000 827 $NEXT
0000 828
0000 829 FIELDS
```


0000	830	SSBEXP	NML_EXE_IAT,NML_EXE_START,NML\$PRM_CHKEXE	: Inactivity timer
0000	831	\$NEXT		
OCE8	832			
OCE8	833	FIELDS		
0000	834	SSBEXP	NML_EXE_RFA,NML_EXE_START,NML\$PRM_CHKEXE	: Retransmit factor
0000	835	\$NEXT		
OCF8	836			
OCF8	837	FIELDS		
0000	838	SSBEXP	NML_EXE_ETY,NML_EXE_START,NML\$PRM_CHKEXE	: Executor type
0000	839	\$NEXT		
OD08	840			
OD08	841	FIELDS		
0000	842	SSBEXP	NML_EXE_RTI,NML_EXE_START,NML\$PRM_CHKEXE	: Routing timer
0000	843	\$NEXT		
OD18	844			
OD18	845	FIELDS		
0000	846	SSBEXP	NML_EXE_SAD,NML_EXE_START,NML\$PRM_CHKEXE	: Subaddresses
0000	847	\$NEXT		
OD28	848			
OD28	849	FIELDS		
0000	850	SSBEXP	NML_EXE_BRT,NML_EXE_START,NML\$PRM_CHKEXE	: Broadcast routing
0000	851	\$NEXT		: timer
OD38	852			
OD38	853	FIELDS		
0000	854	SSBEXP	NML_EXE_MAD,NML_EXE_START,NML\$PRM_CHKEXE	: Maximum address
0000	855	\$NEXT		
OD48	856			
OD48	857	FIELDS		
0000	858	SSBEXP	NML_EXE_MLN,NML_EXE_START,NML\$PRM_CHKEXE	: Maximum lines
0000	859	\$NEXT		
OD58	860			
OD58	861	FIELDS		
0000	862	SSBEXP	NML_EXE_MCO,NML_EXE_START,NML\$PRM_CHKEXE	: Maximum cost
0000	863	\$NEXT		
OD68	864			
OD68	865	FIELDS		
0000	866	SSBEXP	NML_EXE_MHO,NML_EXE_START,NML\$PRM_CHKEXE	: Maximum hops
0000	867	\$NEXT		
OD78	868			
OD78	869	FIELDS		
0000	870	SSBEXP	NML_EXE_MVI,NML_EXE_START,NML\$PRM_CHKEXE	: Maximum visits
0000	871	\$NEXT		
OD88	872			
OD88	873	FIELDS		
0000	874	SSBEXP	NML_EXE_MAR,NML_EXE_START,NML\$PRM_CHKEXE	: Maximum areas
0000	875	\$NEXT		
OD98	876			
OD98	877	FIELDS		
0000	878	SSBEXP	NML_EXE_MBE,NML_EXE_START,NML\$PRM_CHKEXE	: Maximum broadcast
0000	879	\$NEXT		: endnodes
ODA8	880			
ODA8	881	FIELDS		
0000	882	SSBEXP	NML_EXE_MBR,NML_EXE_START,NML\$PRM_CHKEXE	: Maximum broadcast
0000	883	\$NEXT		: routers
OD88	884			
OD88	885	FIELDS		
0000	886	SSBEXP	NML_EXE_AMC,NML_EXE_START,NML\$PRM_CHKEXE	: Area maximum cost

0000	887	\$NEXT		
0DC8	888			
0DC8	889	FIELDS		
0000	890	\$SBEXP	NML_EXE_AMH,NML_EXE_START,NML\$PRM_CHKEXE	; Area maximum hops
0000	891	\$NEXT		
0DD8	892			
0DD8	893	FIELDS		
0000	894	\$SBEXP	NML_EXE_MBU,NML_EXE_START,NML\$PRM_CHKEXE	; Maximum buffers
0000	895	\$NEXT		
0DE8	896			
0DE8	897	FIELDS		
0000	898	\$SBEXP	NML_EXE_BUS,NML_EXE_START,NML\$PRM_CHKEXE	; Buffer size
0000	899	\$NEXT		
0DF8	900			
0DF8	901	FIELDS		
0000	902	\$SBEXP	NML_EXE_SBS,NML_EXE_START,NML\$PRM_CHKEXE	; Segment buffer size
0000	903	\$NEXT		
0E08	904			
0E08	905	FIELDS		
0000	906	\$SBEXP	NML_NOD_RPA,NML_EXE_START,NML\$PRM_CHKMOD	; Receive password
0000	907	\$NEXT		
0E18	908			
0E18	909	FIELDS		
0000	910	\$SBEXP	NML_NOD_TPA,NML_EXE_START,NML\$PRM_CHKMOD	; Transmit password
0000	911	\$NEXT		
0E28	912			
0E28	913	FIELDS		
0000	914	\$SBEXP	NML_NOD_PUS,NML_EXE_START,NML\$PRM_CHKMOD	; Privileged user id
0000	915	\$NEXT		
0E38	916			
0E38	917	FIELDS		
0000	918	\$SBEXP	NML_NOD_PAC,NML_EXE_START,NML\$PRM_CHKMOD	; Privileged account
0000	919	\$NEXT		
0E48	920			
0E48	921	FIELDS		
0000	922	\$SBEXP	NML_NOD_PPW,NML_EXE_START,NML\$PRM_CHKMOD	; Privileged password
0000	923	\$NEXT		
0E58	924			
0E58	925	FIELDS		
0000	926	\$SBEXP	NML_NOD_NUS,NML_EXE_START,NML\$PRM_CHKMOD	; Nonprivileged user id
0000	927	\$NEXT		
0E68	928			
0E68	929	FIELDS		
0000	930	\$SBEXP	NML_NOD_NAC,NML_EXE_START,NML\$PRM_CHKMOD	; Nonprivileged account
0000	931	\$NEXT		
0E78	932			
0E78	933	FIELDS		
0000	934	\$SBEXP	NML_NOD_NPW,NML_EXE_START,NML\$PRM_CHKMOD	; Nonprivileged password
0000	935	\$NEXT		
0E88	936			
0E88	937	FIELDS		
0000	938	\$SBEXP	NML_NOD_ACC,NML_EXE_START,NML\$PRM_CHKMOD	; Access
0000	939	\$NEXT		
0E98	940			
0E98	941	FIELDS		
0000	942	\$SBEXP	NML_EXE_DAC,NML_EXE_START,NML\$PRM_CHKEXE	; Default access
0000	943	\$NEXT		

```
0EAB 944
0EAB 945 FIELDS
0000 946 $SBEXP NML_EXE_PIQ,NML_EXE_START,NML$PRM_CHKEXE ; Pipeline quota
0000 947 $NEXT
0EB8 948
0EB8 949 FIELDS
0000 950 $SBEXP NML_EXE_DPX,NML_EXE_START,NML$PRM_CHKEXE ; Default proxy login
0000 951 ; access
0000 952 $NEXT
0EC8 953
0EC8 954 FIELDS
0000 955 $SBEXP NML_EXE_ALI,NML_EXE_START,NML$PRM_CHKEXE ; Alias node id
0000 956 $NEXT
0ED8 957
0ED8 958 FIELDS
0000 959 $WORD NMASC_PCNO_SLI,NML_PNA_ERR ; Service line
0000 960 $WORD NMASC_PCNO_SPA,NML_PNA_ERR ; Service password
0000 961 $WORD NMASC_PCNO_SDV,NML_PNA_ERR ; Service device
0000 962 $WORD NMASC_PCNO_CPU,NML_PNA_ERR ; CPU type
0000 963 $WORD NMASC_PCNO_HWA,NML_PNA_ERR ; Hardware address on NI
0000 964 $WORD NMASC_PCNO_SNV,NML_PNA_ERR ; Hardware address on NI
0000 965 $WORD NMASC_PCNO_STY,NML_PNA_ERR ; Software type
0000 966 $WORD NMASC_PCNO_SID,NML_PNA_ERR ; Software identification
0000 967 $WORD NMASC_PCNO_LOA,NML_PNA_ERR ; Load file
0000 968 $WORD NMASC_PCNO_SLO,NML_PNA_ERR ; Secondary loader
0000 969 $WORD NMASC_PCNO_TLO,NML_PNA_ERR ; Tertiary loader
0000 970 $WORD NMASC_PCNO_DFL,NML_PNA_ERR ; Diagnostic file
0000 971 $WORD NMASC_PCNO_DUM,NML_PNA_ERR ; Dump file
0000 972 $WORD NMASC_PCNO_SDU,NML_PNA_ERR ; Secondary dumper
0000 973 $WORD NMASC_PCNO_DAD,NML_PNA_ERR ; Dump address
0000 974 $WORD NMASC_PCNO_DCT,NML_PNA_ERR ; Dump count
0000 975 $WORD NMASC_PCNO_IHO,NML_PNA_ERR ; Host
0000 976 $WORD NMASC_PCNO_NLI,NML_PNA_ERR ; Line
0000 977 $NEXT
0FB0 978
0FB0 979 FIELDS
0000 980 $MATCH 2,NML_PTY_ERR ; Unrecognized parameter
0000 981 $NULL ,NML_FOR_ERR ; Format error
0000 982 :
0000 983 : Parameter matching subexpressions.
0000 984 :
0000 985 FIELDS NML_EXE_STA ; State
0000 986 $WORD NMASC_PCNO_STA,,,CPT$GK_PCNO_STA,NML$GL_PRCODE
0000 987 FIELDS
0000 988 $EOM ,NML_FOR_ERR ; Format error
0000 989 $LOOK NMASC_STATE_ON,NML_BYTE_SUB ; On
0000 990 $LOOK NMASC_STATE_OFF,NML_BYTE_SUB ; Off
0000 991 $LOOK NMASC_STATE_SHU,NML_BYTE_SUB ; Shut
0000 992 $LOOK NMASC_STATE_RES,NML_BYTE_SUB ; Restricted
0000 993 $NULL ,NML_PVA_ERR
0000 994
0000 995 FIELDS NML_EXE_IDE ; Identification
0000 996 $WORD NMASC_PCNO_IDE,NML_IMG_SUB,,,CPT$GK_PCNO_IDE,NML$GL_PRCODE
0000 997
0000 998 FIELDS NML_EXE_NNA ; Name
0000 999 $WORD NMASC_PCNO_NNA,,,NML$PRM_CHKKN0,CPT$GK_PCNO_NNS,NML$GL_PRCODE
0000 1000 FIELDS
```



```
0000 1001 $IMAGE 6,NPAS_EXIT,NML$PRM_STRCHK
0000 1002 $NULL ,NML_FOR_ERR
0000 1003
0000 1004 FIELDS NML_EXE_ADD : Address
0000 1005 $WORD NMA$C_PCNO_ADD,NML_NODE_ADDR_SUB,,CPT$GK_PCNO_ADD,NML$GL_PRCODE
0000 1006
0000 1007 FIELDS NML_EXE_ITI : Incoming timer
0000 1008 $WORD NMA$C_PCNO_ITI,NML_WORD_SUB,,CPT$GK_PCNO_ITI,NML$GL_PRCODE
0000 1009
0000 1010 FIELDS NML_EXE_OTI : Outgoing timer
0000 1011 $WORD NMA$C_PCNO_OTI,NML_WORD_SUB,,CPT$GK_PCNO_OTI,NML$GL_PRCODE
0000 1012
0000 1013 FIELDS NML_EXE_MLK : Maximum links
0000 1014 $WORD NMA$C_PCNO_MLK,NML_WORD_SUB,,CPT$GK_PCNO_MLK,NML$GL_PRCODE
0000 1015
0000 1016 FIELDS NML_EXE_DFA : Delay factor
0000 1017 $WORD NMA$C_PCNO_DFA,NML_BYTE_SUB,,CPT$GK_PCNO_DFA,NML$GL_PRCODE
0000 1018
0000 1019 FIELDS NML_EXE_DWE : Delay weight
0000 1020 $WORD NMA$C_PCNO_DWE,NML_BYTE_SUB,,CPT$GK_PCNO_DWE,NML$GL_PRCODE
0000 1021
0000 1022 FIELDS NML_EXE_IAT : Inactivity timer
0000 1023 $WORD NMA$C_PCNO_IAT,NML_WORD_SUB,,CPT$GK_PCNO_IAT,NML$GL_PRCODE
0000 1024
0000 1025 FIELDS NML_EXE_RFA : Retransmit factor
0000 1026 $WORD NMA$C_PCNO_RFA,NML_WORD_SUB,,CPT$GK_PCNO_RFA,NML$GL_PRCODE
0000 1027
0000 1028 FIELDS NML_EXE_ETY : Executor type
0000 1029 $WORD NMA$C_PCNO_ETY,NML_BYTE_SUB,,CPT$GK_PCNO_ETY,NML$GL_PRCODE
0000 1030
0000 1031 FIELDS NML_EXE_RTI : Routing timer
0000 1032 $WORD NMA$C_PCNO_RTI,NML_WORD_SUB,,CPT$GK_PCNO_RTI,NML$GL_PRCODE
0000 1033
0000 1034 FIELDS NML_EXE_SAD : Subaddresses
0000 1035 $WORD NMA$C_PCNO_SAD,NML_LONG_SUB,,CPT$GK_PCNO_SAD,NML$GL_PRCODE
0000 1036
0000 1037 FIELDS NML_EXE_BRT : Broadcast routing timer
0000 1038 $WORD NMA$C_PCNO_BRT,NML_WORD_SUB,,CPT$GK_PCNO_BRT,NML$GL_PRCODE
0000 1039
0000 1040 FIELDS NML_EXE_MAD : Maximum address
0000 1041 $WORD NMA$C_PCNO_MAD,NML_WORD_SUB,,CPT$GK_PCNO_MAD,NML$GL_PRCODE
0000 1042
0000 1043 FIELDS NML_EXE_MLN : Maximum lines
0000 1044 $WORD NMA$C_PCNO_MLN,NML_WORD_SUB,,CPT$GK_PCNO_MLN,NML$GL_PRCODE
0000 1045
0000 1046 FIELDS NML_EXE_MCO : Maximum cost
0000 1047 $WORD NMA$C_PCNO_MCO,NML_WORD_SUB,,CPT$GK_PCNO_MCO,NML$GL_PRCODE
0000 1048
0000 1049 FIELDS NML_EXE_MHO : Maximum hops
0000 1050 $WORD NMA$C_PCNO_MHO,NML_BYTE_SUB,,CPT$GK_PCNO_MHO,NML$GL_PRCODE
0000 1051
0000 1052 FIELDS NML_EXE_MVI : Maximum visits
0000 1053 $WORD NMA$C_PCNO_MVI,NML_BYTE_SUB,,CPT$GK_PCNO_MVI,NML$GL_PRCODE
0000 1054
0000 1055 FIELDS NML_EXE_MAR : Maximum areas
0000 1056 $WORD NMA$C_PCNO_MAR,NML_BYTE_SUB,,CPT$GK_PCNO_MAR,NML$GL_PRCODE
0000 1057
```

```
0000 1058 FIELDS NML_EXE_MBE : Maximum broadcast endnodes
0000 1059 $WORD NMA$C_PCNO_MBE,NML_WORD_SUB,,CPT$GK_PCNO_MBE,NML$GL_PRMCODE
0000 1060
0000 1061 FIELDS NML_EXE_MBR : Maximum broadcast routers
0000 1062 $WORD NMA$C_PCNO_MBR,NML_WORD_SUB,,CPT$GK_PCNO_MBR,NML$GL_PRMCODE
0000 1063
0000 1064 FIELDS NML_EXE_AMC : Area maximum cost
0000 1065 $WORD NMA$C_PCNO_AMC,NML_WORD_SUB,,CPT$GK_PCNO_AMC,NML$GL_PRMCODE
0000 1066
0000 1067 FIELDS NML_EXE_AMH : Area maximum hops
0000 1068 $WORD NMA$C_PCNO_AMH,NML_BYTE_SUB,,CPT$GK_PCNO_AMH,NML$GL_PRMCODE
0000 1069
0000 1070 FIELDS NML_EXE_MBU : Maximum buffers
0000 1071 $WORD NMA$C_PCNO_MBU,NML_WORD_SUB,,CPT$GK_PCNO_MBU,NML$GL_PRMCODE
0000 1072
0000 1073 FIELDS NML_EXE_BUS : Buffer size
0000 1074 $WORD NMA$C_PCNO_BUS,NML_WORD_SUB,,CPT$GK_PCNO_BUS,NML$GL_PRMCODE
0000 1075
0000 1076 FIELDS NML_EXE_SBS : Segment buffer size
0000 1077 $WORD NMA$C_PCNO_SBS,NML_WORD_SUB,,CPT$GK_PCNO_SBS,NML$GL_PRMCODE
0000 1078
0000 1079 FIELDS NML_EXE_DAC : Default access
0000 1080 $WORD NMA$C_PCNO_DAC,NML_BYTE_SUB,,CPT$GK_PCNO_DAC,NML$GL_PRMCODE
0000 1081
0000 1082 FIELDS NML_EXE_PIQ : Pipeline quota
0000 1083 $WORD NMA$C_PCNO_PIQ,NML_WORD_SUB,,CPT$GK_PCNO_PIQ,NML$GL_PRMCODE
0000 1084
0000 1085 FIELDS NML_EXE_DPX : Default proxy login access
0000 1086 $WORD NMA$C_PCNO_DPX,NML_BYTE_SUB,,CPT$GK_PCNO_DPX,NML$GL_PRMCODE
0000 1087
0000 1088 FIELDS NML_EXE_ALI : Alias node id
0000 1089 $WORD NMA$C_PCNO_ALI,NML_WORD_SUB,,CPT$GK_PCNO_ALI,NML$GL_PRMCODE
0000 1090
0000 1091 FIELDS : End of executor parameter states
```

```
0000 1093 .SBTTL NML$NPA_SEDENOD Set/Define node parameter state table
0000 1094
0000 1095 ;+
0000 1096 ; node
0000 1097 ;-
0000 1098
0000 1099 MSGS NML$NPA_SEDENOD
0000 1100
0000 1101 FIELDS
0000 1102 $EOM ,NPAS_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ; No parameters
0000 1103 $NEXT
12A8 1104
12A8 1105 FIELDS NML_NOD_START
0000 1106 $EOM ,NPAS_EXIT
0000 1107 $NEXT
12B0 1108
12B0 1109 FIELDS
0000 1110 $SBEXP NML_NOD_SLI,NML_NOD_START,NML$PRM_CHKREM ; Service circuit
0000 1111 $NEXT
12C0 1112
12C0 1113 FIELDS
0000 1114 $SBEXP NML_NOD_SPA,NML_NOD_START,NML$PRM_CHKREM ; Service password
0000 1115 $NEXT
12D0 1116
12D0 1117 FIELDS
0000 1118 $SBEXP NML_NOD_SDV,NML_NOD_START,NML$PRM_CHKREM ; Service device
0000 1119 $NEXT
12E0 1120
12E0 1121 FIELDS
0000 1122 $SBEXP NML_NOD_CPU,NML_NOD_START,NML$PRM_CHKREM ; CPU type
0000 1123 $NEXT
12F0 1124
12F0 1125 FIELDS
0000 1126 $SBEXP NML_NOD_HWA,NML_NOD_START,NML$PRM_CHKREM ; Hardware address on NI
0000 1127 $NEXT
1300 1128
1300 1129 FIELDS
0000 1130 $SBEXP NML_NOD_SNV,NML_NOD_START,NML$PRM_CHKREM ; Service node version
0000 1131 $NEXT
1310 1132
1310 1133 FIELDS
0000 1134 $SBEXP NML_NOD_STY,NML_NOD_START,NML$PRM_CHKREM ; Software type
0000 1135 $NEXT
1320 1136
1320 1137 FIELDS
0000 1138 $SBEXP NML_NOD_SID,NML_NOD_START,NML$PRM_CHKREM ; Software id
0000 1139 $NEXT
1330 1140
1330 1141 FIELDS
0000 1142 $SBEXP NML_NOD_LOA,NML_NOD_START,NML$PRM_CHKREM ; Load file
0000 1143 $NEXT
1340 1144
1340 1145 FIELDS
0000 1146 $SBEXP NML_NOD_SLO,NML_NOD_START,NML$PRM_CHKREM ; Secondary loader
0000 1147 $NEXT
1350 1148
1350 1149 FIELDS
```


0000	1150	\$SBEXP	NML_NOD_TLO,NML_NOD_START,NML\$PRM_CHKREM	: Tertiary loader
0000	1151	\$NEXT		
1360	1152			
1360	1153	FIELDS		
0000	1154	\$SBEXP	NML_NOD_DFL,NML_NOD_START,NML\$PRM_CHKREM	: Diagnostic file
0000	1155	\$NEXT		
1370	1156			
1370	1157	FIELDS		
0000	1158	\$SBEXP	NML_NOD_DUM,NML_NOD_START,NML\$PRM_CHKREM	: Dump file
0000	1159	\$NEXT		
1380	1160			
1380	1161	FIELDS		
0000	1162	\$SBEXP	NML_NOD_SDU,NML_NOD_START,NML\$PRM_CHKREM	: Secondary dumper
0000	1163	\$NEXT		
1390	1164			
1390	1165	FIELDS		
0000	1166	\$SBEXP	NML_NOD_DAD,NML_NOD_START,NML\$PRM_CHKREM	: Dump address
0000	1167	\$NEXT		
13A0	1168			
13A0	1169	FIELDS		
0000	1170	\$SBEXP	NML_NOD_DCT,NML_NOD_START,NML\$PRM_CHKREM	: Dump count
0000	1171	\$NEXT		
13B0	1172			
13B0	1173	FIELDS		
0000	1174	\$SBEXP	NML_NOD_IHO,NML_NOD_START,NML\$PRM_CHKREM	: Host
0000	1175	\$NEXT		
13C0	1176			
13C0	1177	FIELDS		
0000	1178	\$SBEXP	NML_NOD_CTI,NML_NOD_START,NML\$PRM_CHKREM	: Counter timer
0000	1179	\$NEXT		
13D0	1180			
13D0	1181	FIELDS		
0000	1182	\$SBEXP	NML_NOD_NNA,NML_NOD_START,NML\$PRM_CHKREM	: Name
0000	1183	\$NEXT		
13E0	1184			
13E0	1185	FIELDS		
0000	1186	\$SBEXP	NML_NOD_NLI,NML_NOD_LOOPNA,NML\$PRM_CHKLOO	: Circuit
0000	1187	\$NEXT		
13F0	1188			
13F0	1189	FIELDS		
0000	1190	\$SBEXP	NML_NOD_ADD,NML_NOD_START,NML\$PRM_CHKREM	: Address
0000	1191	\$NEXT		
1400	1192			
1400	1193	FIELDS		
0000	1194	\$SBEXP	NML_NOD_PUS,NML_NOD_START,NML\$PRM_CHKREM	: Privileged user id
0000	1195	\$NEXT		
1410	1196			
1410	1197	FIELDS		
0000	1198	\$SBEXP	NML_NOD_PAC,NML_NOD_START,NML\$PRM_CHKREM	: Privileged account
0000	1199	\$NEXT		
1420	1200			
1420	1201	FIELDS		
0000	1202	\$SBEXP	NML_NOD_PPW,NML_NOD_START,NML\$PRM_CHKREM	: Privileged password
0000	1203	\$NEXT		
1430	1204			
1430	1205	FIELDS		
0000	1206	\$SBEXP	NML_NOD_NUS,NML_NOD_START,NML\$PRM_CHKREM	: Nonprivileged user id

```
0000 1207 $NEXT
1440 1208
1440 1209 FIELDS
0000 1210 $SBEXP NML_NOD_NAC,NML_NOD_START,NML$PRM_CHKREM ; Nonprivileged account
0000 1211 $NEXT
1450 1212
1450 1213 FIELDS
0000 1214 $SBEXP NML_NOD_NPW,NML_NOD_START,NML$PRM_CHKREM ; Nonprivileged password
0000 1215 $NEXT
1460 1216
1460 1217 FIELDS
0000 1218 $SBEXP NML_NOD_RPA,NML_NOD_START,NML$PRM_CHKREM ; Receive password
0000 1219 $NEXT
1470 1220
1470 1221 FIELDS
0000 1222 $SBEXP NML_NOD_TPA,NML_NOD_START,NML$PRM_CHKREM ; Transmit password
0000 1223 $NEXT
1480 1224
1480 1225 FIELDS
0000 1226 $SBEXP NML_NOD_ACC,NML_NOD_START,NML$PRM_CHKREM ; Access
0000 1227 $NEXT
1490 1228
1490 1229 FIELDS
0000 1230 $NULL ,NML_NOD_REMPNA
0000 1231 :
0000 1232 : Parameters that are not applicable to loop nodes.
0000 1233 :
0000 1234 FIELDS NML_NOD_LOOPNA
0000 1235 $WORD NMASC_PCNO_SLI,NML_PNA_ERR ; Service line
0000 1236 $WORD NMASC_PCNO_SPA,NML_PNA_ERR ; Service password
0000 1237 $WORD NMASC_PCNO_SDV,NML_PNA_ERR ; Service device
0000 1238 $WORD NMASC_PCNO_CPU,NML_PNA_ERR ; CPU type
0000 1239 $WORD NMASC_PCNO_HWA,NML_PNA_ERR ; Hardware address
0000 1240 $WORD NMASC_PCNO_SNV,NML_PNA_ERR ; Hardware address
0000 1241 $WORD NMASC_PCNO_STY,NML_PNA_ERR ; Software type
0000 1242 $WORD NMASC_PCNO_SID,NML_PNA_ERR ; Software identification
0000 1243 $WORD NMASC_PCNO_LOA,NML_PNA_ERR ; Load file
0000 1244 $WORD NMASC_PCNO_SLO,NML_PNA_ERR ; Secondary loader
0000 1245 $WORD NMASC_PCNO_TLO,NML_PNA_ERR ; Tertiary loader
0000 1246 $WORD NMASC_PCNO_DFL,NML_PNA_ERR ; Diagnostic file
0000 1247 $WORD NMASC_PCNO_DUM,NML_PNA_ERR ; Dump file
0000 1248 $WORD NMASC_PCNO_SDU,NML_PNA_ERR ; Secondary dumper
0000 1249 $WORD NMASC_PCNO_DAD,NML_PNA_ERR ; Dump address
0000 1250 $WORD NMASC_PCNO_DCT,NML_PNA_ERR ; Dump count
0000 1251 $WORD NMASC_PCNO_IHO,NML_PNA_ERR ; Host
0000 1252 $WORD NMASC_PCNO_CTI,NML_PNA_ERR ; Counter timer
0000 1253 $WORD NMASC_PCNO_NNA,NML_PNA_ERR ; Name
0000 1254 $WORD NMASC_PCNO_ADD,NML_PNA_ERR ; Address
0000 1255 $WORD NMASC_PCNO_PUS,NML_PNA_ERR ; Privileged user id
0000 1256 $WORD NMASC_PCNO_PAC,NML_PNA_ERR ; Privileged account
0000 1257 $WORD NMASC_PCNO_PPW,NML_PNA_ERR ; Privileged password
0000 1258 $WORD NMASC_PCNO_NUS,NML_PNA_ERR ; Nonprivileged user id
0000 1259 $WORD NMASC_PCNO_NAC,NML_PNA_ERR ; Nonprivileged account
0000 1260 $WORD NMASC_PCNO_NPW,NML_PNA_ERR ; Nonprivileged password
0000 1261 $WORD NMASC_PCNO_RPA,NML_PNA_ERR ; Receive password
0000 1262 $WORD NMASC_PCNO_TPA,NML_PNA_ERR ; Transmit password
0000 1263 $WORD NMASC_PCNO_ACC,NML_PNA_ERR ; Access
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```
0000 1264 SWORD NMASC_PCNO_DAC,NML_PNA_ERR : Default access
0000 1265 SWORD NMASC_PCNO_PRX,NML_PNA_ERR : Proxy login access
0000 1266 SWORD NMASC_PCNO_DPX,NML_PNA_ERR : Default proxy login access
0000 1267 SWORD NMASC_PCNO_ALI,NML_PNA_ERR : Alias node name
0000 1268 $NEXT
1624 1269 :
1624 1270 : Parameters that are not applicable to remote nodes.
1624 1271 :
1624 1272 FIELDS NML_NOD_REMPNA
0000 1273 SWORD NMASC_PCNO_STA,NML_PNA_ERR : State
0000 1274 SWORD NMASC_PCNO_PHA,NML_PNA_ERR : Physical Address on NI
0000 1275 SWORD NMASC_PCNO_IDE,NML_PNA_ERR : Identification
0000 1276 SWORD NMASC_PCNO_ITI,NML_PNA_ERR : Incoming timer
0000 1277 SWORD NMASC_PCNO_OTI,NML_PNA_ERR : Outgoing timer
0000 1278 SWORD NMASC_PCNO_MLK,NML_PNA_ERR : Maximum links
0000 1279 SWORD NMASC_PCNO_DFA,NML_PNA_ERR : Delay factor
0000 1280 SWORD NMASC_PCNO_DWE,NML_PNA_ERR : Delay weight
0000 1281 SWORD NMASC_PCNO_IAT,NML_PNA_ERR : Inactivity timer
0000 1282 SWORD NMASC_PCNO_RFA,NML_PNA_ERR : Retransmit factor
0000 1283 SWORD NMASC_PCNO_RTI,NML_PNA_ERR : Routing timer
0000 1284 SWORD NMASC_PCNO_SAD,NML_PNA_ERR : Subaddresses
0000 1285 SWORD NMASC_PCNO_BRT,NML_PNA_ERR : Broadcast routing timer
0000 1286 SWORD NMASC_PCNO_MAD,NML_PNA_ERR : Maximum address
0000 1287 SWORD NMASC_PCNO_MLN,NML_PNA_ERR : Maximum lines
0000 1288 SWORD NMASC_PCNO_MCO,NML_PNA_ERR : Maximum cost
0000 1289 SWORD NMASC_PCNO_MHO,NML_PNA_ERR : Maximum hops
0000 1290 SWORD NMASC_PCNO_MVI,NML_PNA_ERR : Maximum visits
0000 1291 SWORD NMASC_PCNO_MAR,NML_PNA_ERR : Maximum areas
0000 1292 SWORD NMASC_PCNO_MBE,NML_PNA_ERR : Maximum broadcast endnodes
0000 1293 SWORD NMASC_PCNO_MBR,NML_PNA_ERR : Maximum broadcast routers
0000 1294 SWORD NMASC_PCNO_AMC,NML_PNA_ERR : Area maximum cost
0000 1295 SWORD NMASC_PCNO_AMH,NML_PNA_ERR : Area maximum hops
0000 1296 SWORD NMASC_PCNO_MBU,NML_PNA_ERR : Maximum buffers
0000 1297 SWORD NMASC_PCNO_BUS,NML_PNA_ERR : Buffer size
0000 1298 SWORD NMASC_PCNO_SBS,NML_PNA_ERR : Segment buffer size
0000 1299 SWORD NMASC_PCNO_DAC,NML_PNA_ERR : Default access
0000 1300 SWORD NMASC_PCNO_DPX,NML_PNA_ERR : Default proxy login access
0000 1301 $NEXT
1774 1302 :
1774 1303 FIELDS NML_NOD_EOM
0000 1304 $EOM NPAS_EXIT : End of message
0000 1305 $MATCH 2,NML_PTY_ERR : Unrecognized parameter
0000 1306 $NULL ,NML_FOR_ERR : Format error
0000 1307 :
0000 1308 : Parameter matching subexpressions.
0000 1309 :
0000 1310 FIELDS NML_NOD_PUS : Priv userid
0000 1311 SWORD NMASC_PCNO_PUS,NML_IMG_SUB,,CPT$GK_PCNO_PUS,NML$GL_PRCODE
0000 1312 :
0000 1313 FIELDS NML_NOD_PAC : Priv account
0000 1314 SWORD NMASC_PCNO_PAC,NML_IMG_SUB,,CPT$GK_PCNO_PAC,NML$GL_PRCODE
0000 1315 :
0000 1316 FIELDS NML_NOD_PPW : Priv password
0000 1317 SWORD NMASC_PCNO_PPW,NML_IMG_SUB,,CPT$GK_PCNO_PPW,NML$GL_PRCODE
0000 1318 :
0000 1319 FIELDS NML_NOD_NUS : Nopriv userid
0000 1320 SWORD NMASC_PCNO_NUS,NML_IMG_SUB,,CPT$GK_PCNO_NUS,NML$GL_PRCODE
```



```
0000 1321  
0000 1322 FIELDS NML_NOD_NAC : Nopriv account  
0000 1323 $WORD NMASC_PCNO_NAC,NML_IMG_SUB,,CPT$GK_PCNO_NAC,NML$GL_PRCODE  
0000 1324  
0000 1325 FIELDS NML_NOD_NPW : Nopriv password  
0000 1326 $WORD NMASC_PCNO_NPW,NML_IMG_SUB,,CPT$GK_PCNO_NPW,NML$GL_PRCODE  
0000 1327  
0000 1328 FIELDS NML_NOD_IHO : Host  
0000 1329 $WORD NMASC_PCNO_IHO,NML_NODEID_SUB,,CPT$GK_PCNO_IHO,NML$GL_PRCODE  
0000 1330  
0000 1331 FIELDS NML_NOD_NNA : Name  
0000 1332 $WORD NMASC_PCNO_NNA,,NML$PRM_CHKKN0,CPT$GK_PCNO_NNA,NML$GL_PRCODE  
0000 1333 FIELDS  
0000 1334 $IMAGE 6,NPAS_EXIT,NML$PRM_STRCHK  
0000 1335 $NULL ,NML_FOR_ERR  
0000 1336  
0000 1337 FIELDS NML_NOD_NLI : Circuit  
0000 1338 $WORD NMASC_PCNO_NLI,NML_IMG_SUB,NML$PRM_CHKKN0,CPT$GK_PCNO_NLI,NML$GL_PRCODE  
0000 1339  
0000 1340 FIELDS NML_NOD_ADD : Address  
0000 1341 $WORD NMASC_PCNO_ADD,NML_NODE_ADDR_SUB,NML$PRM_CHKKN0,CPT$GK_PCNO_ADD,NML$GL_PRCODE  
0000 1342  
0000 1343 FIELDS NML_NOD_CTI : Counter timer  
0000 1344 $WORD NMASC_PCNO_CTI,NML_WORD_SUB,,CPT$GK_PCNO_CTI,NML$GL_PRCODE  
0000 1345  
0000 1346 FIELDS NML_NOD_SLI : Service circuit  
0000 1347 $WORD NMASC_PCNO_SLI,NML_IMG_SUB,,CPT$GK_PCNO_SLI,NML$GL_PRCODE  
0000 1348  
0000 1349 FIELDS NML_NOD_SPA : Service password  
0000 1350 $WORD NMASC_PCNO_SPA,NML_IMG_SUB,,CPT$GK_PCNO_SPA,NML$GL_PRCODE  
0000 1351  
0000 1352 FIELDS NML_NOD_CPU : Cpu type  
0000 1353 $WORD NMASC_PCNO_CPU,,,CPT$GK_PCNO_CPU,NML$GL_PRCODE  
0000 1354 FIELDS  
0000 1355 $LOOK NMASC_CPU_8,NML_BYTE_SUB : PDP8  
0000 1356 $LOOK NMASC_CPU_11,NML_BYTE_SUB : PDP11  
0000 1357 $LOOK NMASC_CPU_1020,NML_BYTE_SUB : 10/20  
0000 1358 $LOOK NMASC_CPU_VAX,NML_BYTE_SUB : VAX  
0000 1359 $NULL ,NML_PVA_ERR : Parameter value error  
0000 1360  
0000 1361 FIELDS NML_NOD_HWA : Hardware address on NI  
0000 1362 $WORD NMASC_PCNO_HWA,NML_IMG_SUB,,CPT$GK_PCNO_HWA,NML$GL_PRCODE  
0000 1363  
0000 1364 FIELDS NML_NOD_SNV : Service node version  
0000 1365 $WORD NMASC_PCNO_SNV,,,CPT$GK_PCNO_SNV,NML$GL_PRCODE  
0000 1366 FIELDS  
0000 1367 $LOOK NMASC_NODSNV_PH3,NML_BYTE_SUB : Phase III  
0000 1368 $LOOK NMASC_NODSNV_PH4,NML_BYTE_SUB : Phase IV  
0000 1369 $NULL ,NML_PVA_ERR : Parameter value error  
0000 1370  
0000 1371 FIELDS NML_NOD_SDV : Service device  
0000 1372 $WORD NMASC_PCNO_SDV,,,CPT$GK_PCNO_SDV,NML$GL_PRCODE  
0000 1373 FIELDS  
0000 1374 $LOOK NMASC_SOFD_DP,NML_BYTE_SUB : DP11  
0000 1375 $LOOK NMASC_SOFD_DU,NML_BYTE_SUB : DU11/DUV11  
0000 1376 $LOOK NMASC_SOFD_DL,NML_BYTE_SUB : DL11  
0000 1377 $LOOK NMASC_SOFD_DQ,NML_BYTE_SUB : DQ11
```

```
0000 1378 $LOOK NMASC_SOFD_DA,NML_BYTE_SUB : DA11
0000 1379 $LOOK NMASC_SOFD_DUP,NML_BYTE_SUB : DUP11
0000 1380 $LOOK NMASC_SOFD_DMC,NML_BYTE_SUB : DMC11
0000 1381 $LOOK NMASC_SOFD_DMP,NML_BYTE_SUB : DMP11
0000 1382 $LOOK NMASC_SOFD_DTE,NML_BYTE_SUB : DTE
0000 1383 $LOOK NMASC_SOFD_KLB,NML_BYTE_SUB : KLB
0000 1384 $LOOK NMASC_SOFD_DMV,NML_BYTE_SUB : DMV
0000 1385 $LOOK NMASC_SOFD_DPV,NML_BYTE_SUB : DPV
0000 1386 $LOOK NMASC_SOFD_DMF,NML_BYTE_SUB : DMF
0000 1387 $NULL ,NML_PVA_ERR : Parameter value error
0000 1388
0000 1389 FIELDS NML_NOD_LOA : Load file
0000 1390 $WORD NMASC_PCNO_LOA,NML_IMG_SUB,,CPT$GK_PCNO_LOA,NML$GL_PRCODE
0000 1391
0000 1392 FIELDS NML_NOD_SLO : Secondary loader
0000 1393 $WORD NMASC_PCNO_SLO,NML_IMG_SUB,,CPT$GK_PCNO_SLO,NML$GL_PRCODE
0000 1394
0000 1395 FIELDS NML_NOD_TLO : Tertiary loader
0000 1396 $WORD NMASC_PCNO_TLO,NML_IMG_SUB,,CPT$GK_PCNO_TLO,NML$GL_PRCODE
0000 1397
0000 1398 FIELDS NML_NOD_DFL : Diagnostic file
0000 1399 $WORD NMASC_PCNO_DFL,NML_IMG_SUB,,CPT$GK_PCNO_DFL,NML$GL_PRCODE
0000 1400
0000 1401 FIELDS NML_NOD_STY : Software type
0000 1402 $WORD NMASC_PCNO_STY,,,CPT$GK_PCNO_STY,NML$GL_PRCODE
0000 1403 FIELDS
0000 1404 $LOOK NMASC_SOFT_SECL,NML_BYTE_SUB : Secondary loader
0000 1405 $LOOK NMASC_SOFT_TERL,NML_BYTE_SUB : Tertiary loader
0000 1406 $LOOK NMASC_SOFT_OSYS,NML_BYTE_SUB : Operating system
0000 1407 $NULL ,NML_PVA_ERR : Parameter value error
0000 1408
0000 1409 FIELDS NML_NOD_SID : System id
0000 1410 $WORD NMASC_PCNO_SID,NML_IMG_SUB,,CPT$GK_PCNO_SID,NML$GL_PRCODE
0000 1411
0000 1412 FIELDS NML_NOD_DUM : Dump file
0000 1413 $WORD NMASC_PCNO_DUM,NML_IMG_SUB,,CPT$GK_PCNO_DUM,NML$GL_PRCODE
0000 1414
0000 1415 FIELDS NML_NOD_SDU : Secondary dumper
0000 1416 $WORD NMASC_PCNO_SDU,NML_IMG_SUB,,CPT$GK_PCNO_SDU,NML$GL_PRCODE
0000 1417
0000 1418 FIELDS NML_NOD_DAD : Dump address
0000 1419 $WORD NMASC_PCNO_DAD,NML_LONG_SUB,,CPT$GK_PCNO_DAD,NML$GL_PRCODE
0000 1420
0000 1421 FIELDS NML_NOD_DCT : Dump count
0000 1422 $WORD NMASC_PCNO_DCT,NML_LONG_SUB,,CPT$GK_PCNO_DCT,NML$GL_PRCODE
0000 1423
0000 1424 FIELDS NML_NOD_RPA : Receive password
0000 1425 $WORD NMASC_PCNO_RPA,NML_IMG_SUB,,CPT$GK_PCNO_RPA,NML$GL_PRCODE
0000 1426
0000 1427 FIELDS NML_NOD_TPA : Transmit password
0000 1428 $WORD NMASC_PCNO_TPA,NML_IMG_SUB,,CPT$GK_PCNO_TPA,NML$GL_PRCODE
0000 1429
0000 1430 FIELDS NML_NOD_ACC : Access
0000 1431 $WORD NMASC_PCNO_ACC,NML_BYTE_SUB,,CPT$GK_PCNO_ACC,NML$GL_PRCODE
0000 1432
0000 1433 FIELDS : End of node parameter states
```

```
0000 1435 .SBTTL Set/Define X25 Access Module
0000 1436 ;+++++
0000 1437 ; Module X-25 Access Network state table for SET/DEFINE
0000 1438 ;-----
0000 1439
0000 1440 MSGS NML$NPA_SEDE_X25_ACCESS
0000 1441
0000 1442 FIELDS
0000 1443 $EOM ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ;No parameters
0000 1444 $NEXT
1B30 1445
1B30 1446 FIELDS NML_ACCESS_PARAMS
0000 1447 $EOM ,NPA$_EXIT
0000 1448 $NEXT
1B38 1449
1B38 1450 FIELDS
0000 1451 $SBEXP NML_ACCESS_NOD,NML_ACCESS_PARAMS ; Node id
0000 1452 $NEXT
1B44 1453
1B44 1454 FIELDS
0000 1455 $SBEXP NML_ACCESS_USR,NML_ACCESS_PARAMS ; User id
0000 1456 $NEXT
1B50 1457
1B50 1458 FIELDS
0000 1459 $SBEXP NML_ACCESS_PSW,NML_ACCESS_PARAMS ; Password
0000 1460 $NEXT
1B5C 1461
1B5C 1462 FIELDS
0000 1463 $SBEXP NML_ACCESS_ACC,NML_ACCESS_PARAMS ; Account
0000 1464 $NEXT
1B68 1465
1B68 1466 FIELDS
0000 1467 $MATCH 2,NML_PTY_ERR ; Unrecognized parameter type
0000 1468 $NULL ,NML_FOR_ERR
0000 1469
0000 1470 ;
0000 1471 ; Subexpressions for X25 Access Module parameters.
0000 1472 ;
0000 1473 FIELDS NML_ACCESS_NOD ; Node id
0000 1474 $WORD NMA$C_PCXA_NOD,NML_NODEID_SUB,,CPT$GK_PCXA_NOD,NML$GL_PRCODE
0000 1475
0000 1476 FIELDS NML_ACCESS_USR ; X-25 Access User
0000 1477 $WORD NMA$C_PCXA_USR,NML_IMG_SUB,,CPT$GK_PCXA_USR,NML$GL_PRCODE
0000 1478
0000 1479 FIELDS NML_ACCESS_PSW ; X-25 Access Password
0000 1480 $WORD NMA$C_PCXA_PSW,NML_IMG_SUB,,CPT$GK_PCXA_PSW,NML$GL_PRCODE
0000 1481
0000 1482 FIELDS NML_ACCESS_ACC ; X-25 Access Account
0000 1483 $WORD NMA$C_PCXA_ACC,NML_IMG_SUB,,CPT$GK_PCXA_ACC,NML$GL_PRCODE
0000 1484
0000 1485 FIELDS ; End of Access module parameters
```



```
0000 1487 .SBTTL Set/Define Protocol Module
0000 1488 :+++++
0000 1489 : Module X-25 Protocol Network state table for SET/DEFINE
0000 1490 :-----
0000 1491
0000 1492 IMSGS NML$NPA_SEDE_PROT_NET
0000 1493
0000 1494 FIELDS
0000 1495 $EOM ,NPAS_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ;No parameters
0000 1496 $NEXT
1BDC 1497
1BDC 1498 FIELDS NML_PROTOCOL_PARAMS
0000 1499 $EOM ,NPAS_EXIT
0000 1500 $NEXT
1BE4 1501
1BE4 1502 FIELDS
0000 1503 $SBEXP NML_PROTOCOL_NET,NML_PROTOCOL_PARAMS ; network
0000 1504 $NEXT
1BF0 1505
1BF0 1506 FIELDS
0000 1507 $SBEXP NML_PROTOCOL_DBL,NML_PROTOCOL_PARAMS ; Default block
0000 1508 $NEXT
1BFC 1509
1BFC 1510 FIELDS
0000 1511 $SBEXP NML_PROTOCOL_DWI,NML_PROTOCOL_PARAMS ; Default window
0000 1512 $NEXT
1C08 1513
1C08 1514 FIELDS
0000 1515 $SBEXP NML_PROTOCOL_MBL,NML_PROTOCOL_PARAMS ; Maximum block
0000 1516 $NEXT
1C14 1517
1C14 1518 FIELDS
0000 1519 $SBEXP NML_PROTOCOL_MWI,NML_PROTOCOL_PARAMS ; Maximum window
0000 1520 $NEXT
1C20 1521
1C20 1522 FIELDS
0000 1523 $SBEXP NML_PROTOCOL_MCL,NML_PROTOCOL_PARAMS ; Maximum clears
0000 1524 $NEXT
1C2C 1525
1C2C 1526 FIELDS
0000 1527 $SBEXP NML_PROTOCOL_MRS,NML_PROTOCOL_PARAMS ; Maximum resets
0000 1528 $NEXT
1C38 1529
1C38 1530 FIELDS
0000 1531 $SBEXP NML_PROTOCOL_MST,NML_PROTOCOL_PARAMS ; Maximum restarts
0000 1532 $NEXT
1C44 1533
1C44 1534 FIELDS
0000 1535 $SBEXP NML_PROTOCOL_CAT,NML_PROTOCOL_PARAMS ; Call timer
0000 1536 $NEXT
1C50 1537
1C50 1538 FIELDS
0000 1539 $SBEXP NML_PROTOCOL_CLT,NML_PROTOCOL_PARAMS ; Clear timer
0000 1540 $NEXT
1C5C 1541
1C5C 1542 FIELDS
0000 1543 $SBEXP NML_PROTOCOL_RST,NML_PROTOCOL_PARAMS ; Reset timer
```

```
0000 1544 $NEXT
1C68 1545
1C68 1546 FIELDS
0000 1547 $$SBEXP NML_PROTOCOL_STT,NML_PROTOCOL_PARAMS ; Restart timer
0000 1548 $NEXT
1C74 1549
1C74 1550 FIELDS
0000 1551 $$SBEXP NML_PROTOCOL_MNS,NML_PROTOCOL_PARAMS ; Multinetwork support
0000 1552 $NEXT
1C80 1553
1C80 1554 ;
1C80 1555 ; X.25 Protocol parameters that are not allowed with Network parameters.
1C80 1556 ;
1C80 1557 FIELDS
0000 1558 $$SBEXP NML_CHK_DTE_PARAMS
0000 1559 $NEXT
1C88 1560
1C88 1561 FIELDS
0000 1562 $$SBEXP NML_CHK_GRP_PARAMS
0000 1563 $NEXT
1C90 1564
1C90 1565 FIELDS
0000 1566 $PATCH 2,NML_PTY_ERR ; Unrecognized parameter type
0000 1567 $NULL ,NML_FOR_ERR
0000 1568
0000 1569
0000 1570 ;
0000 1571 ; Subexpressions for protocol network parameters.
0000 1572 ;
0000 1573 FIELDS NML_PROTOCOL_NET ; X-25 Protocol network
0000 1574 $WORD NMA$C_PCXP_NET,NML_NET,, -
0000 1575 CPT$GK_PCXP_NET, -
0000 1576 NML$GL_PRCODE
0000 1577 FIELDS NML_NET ; Save Network ID.
0000 1578 $EOM ,NML_FOR_ERR
0000 1579 $IMAGE 255,NML_SET_NET,NML$PRM_STRCHK ; Save Network ID temporarily.
0000 1580 $NULL ,NML_FOR_ERR
0000 1581
0000 1582 FIELDS NML_SET_NET ; If it's SET NET, use Network
0000 1583 $EOM ,NPAS_EXIT,NML$PRM_SET_NET ; param as entity ID.
0000 1584 $NULL ,NPAS_EXIT
0000 1585
0000 1586
0000 1587
0000 1588 FIELDS NML_PROTOCOL_DBL ; X-25 Protocol default block
0000 1589 $WORD NMA$C_PCXP_DBL,NML_WORD_SUB,,CPT$GK_PCXP_DBL,NML$GL_PRCODE
0000 1590
0000 1591 FIELDS NML_PROTOCOL_DWI ; X-25 Protocol default window
0000 1592 $WORD NMA$C_PCXP_DWI,NML_BYTE_SUB,,CPT$GK_PCXP_DWI,NML$GL_PRCODE
0000 1593
0000 1594 FIELDS NML_PROTOCOL_MBL ; X-25 Protocol Maximum block
0000 1595 $WORD NMA$C_PCXP_MBL,NML_WORD_SUB,,CPT$GK_PCXP_MBL,NML$GL_PRCODE
0000 1596
0000 1597 FIELDS NML_PROTOCOL_MWI ; X-25 Protocol Maximum window
0000 1598 $WORD NMA$C_PCXP_MWI,NML_BYTE_SUB,,CPT$GK_PCXP_MWI,NML$GL_PRCODE
0000 1599
0000 1600 FIELDS NML_PROTOCOL_MCL ; X-25 Protocol Maximum Clears
```

```

0000 1601 SWORD NMASC_PCXP_MCL,NML_BYTE_SUB,,CPT$GK_PCXP_MCL,NML$GL_PRMCODE
0000 1602
0000 1603 FIELDS NML_PROTOCOL_MRS ; X-25 Protocol Maximum resets
0000 1604 SWORD NMASC_PCXP_MRS,NML_BYTE_SUB,,CPT$GK_PCXP_MRS,NML$GL_PRMCODE
0000 1605
0000 1606 FIELDS NML_PROTOCOL_MST ; X-25 Protocol Maximum Restarts
0000 1607 SWORD NMASC_PCXP_MST,NML_BYTE_SUB,,CPT$GK_PCXP_MST,NML$GL_PRMCODE
0000 1608
0000 1609 FIELDS NML_PROTOCOL_CAT ; X-25 Protocol call timer
0000 1610 SWORD NMASC_PCXP_CAT,NML_BYTE_SUB,,CPT$GK_PCXP_CAT,NML$GL_PRMCODE
0000 1611
0000 1612 FIELDS NML_PROTOCOL_CLT ; X-25 Protocol clear timer
0000 1613 SWORD NMASC_PCXP_CLT,NML_BYTE_SUB,,CPT$GK_PCXP_CLT,NML$GL_PRMCODE
0000 1614
0000 1615 FIELDS NML_PROTOCOL_RST ; X-25 Protocol reset timer
0000 1616 SWORD NMASC_PCXP_RST,NML_BYTE_SUB,,CPT$GK_PCXP_RST,NML$GL_PRMCODE
0000 1617
0000 1618 FIELDS NML_PROTOCOL_STT ; X-25 Protocol restart timer
0000 1619 SWORD NMASC_PCXP_STT,NML_BYTE_SUB,,CPT$GK_PCXP_STT,NML$GL_PRMCODE
0000 1620
0000 1621 FIELDS NML_PROTOCOL_MNS ; X-25 Protocol Multinetwork support
0000 1622 SWORD NMASC_PCXP_MNS,NML_BYTE_SUB,,CPT$GK_PCXP_MNS,NML$GL_PRMCODE
0000 1623
0000 1624 FIELDS ; End of Protocol Module params

```

```
0000 1626 :+++++
0000 1627 : X.25 Protocol Module DTE State Table
0000 1628 :-----
0000 1629 :
0000 1630 IMSGS NML$NPA_SEDE_PROT_DTE
0000 1631 :
0000 1632 FIELDS
0000 1633 $EOM ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ;No parameters
0000 1634 $NEXT
1DEC 1635 :
1DEC 1636 FIELDS NML_DTE_LOOP
0000 1637 $EOM ,NPA$_EXIT
0000 1638 $NEXT
1DF4 1639 :
1DF4 1640 FIELDS
0000 1641 $SBEXP NML_PROTOCOL_STA,NML_DTE_LOOP ; State
0000 1642 $NEXT
1E00 1643 :
1E00 1644 FIELDS
0000 1645 $SBEXP NML_PROTOCOL_CTM,NML_DTE_LOOP ; Counter timer
0000 1646 $NEXT
1E0C 1647 :
1E0C 1648 FIELDS
0000 1649 $SBEXP NML_PROTOCOL_LIN,NML_DTE_LOOP ; Line
0000 1650 $NEXT
1E18 1651 :
1E18 1652 FIELDS
0000 1653 $SBEXP NML_PROTOCOL_CHN,NML_DTE_LOOP ; Channels
0000 1654 $NEXT
1E24 1655 :
1E24 1656 FIELDS
0000 1657 $SBEXP NML_PROTOCOL_MCI,NML_DTE_LOOP ; Maximum circuits
0000 1658 $NEXT
1E30 1659 :
1E30 1660 :
1E30 1661 : Check for X.25 Protocol parameters that are not allowed with DTE.
1E30 1662 :
1E30 1663 FIELDS
0000 1664 $SBEXP NML_CHK_NET_PARAMS
0000 1665 $NEXT
1E38 1666 :
1E38 1667 FIELDS
0000 1668 $SBEXP NML_CHK_GRP_PARAMS
0000 1669 $NEXT
1E40 1670 :
1E40 1671 FIELDS
0000 1672 $MATCH 2,NML_PTY_ERR ; Unrecognized parameter type
0000 1673 $NULL ,NML_FOR_ERR
0000 1674 :
0000 1675 :
0000 1676 :
0000 1677 FIELDS NML_PROTOCOL_STA ; X-25 DTE State
0000 1678 $WORD NMA$C_PCXP_STA,,,CPT$GK_PCXP_STA,NML$GL_PRCODE
0000 1679 FIELDS
0000 1680 $EOM ,NML_FOR_ERR ; Format error
0000 1681 $LOOK NMA$C_XPRST_ON,NML_BYTE_SUB ; On
0000 1682 $LOOK NMA$C_XPRST_OFF,NML_BYTE_SUB ; Off
```



```

0000 1683 $LOOK NMA$C_XPRST_SHU,NML_BYTE_SUB ; Shut
0000 1684 $NULL ,NML_PVA_ERR
0000 1685
0000 1686 FIELDS NML_PROTOCOL_CTM ; X-25 DTE Counter timer
0000 1687 $WORD NMA$C_PCXP_CTM,NML_WORD_SUB,,CPT$GK_PCXP_CTM,NML$GL_PRCODE
0000 1688
0000 1689 FIELDS NML_PROTOCOL_LIN ; X-25 DTE Line
0000 1690 $WORD NMA$C_PCXP_LIN,NML_IMG_SUB,,CPT$GK_PCXP_LIN,NML$GL_PRCODE
0000 1691
0000 1692 FIELDS NML_PROTOCOL_CHN ; X-25 DTE Channels
0000 1693 $WORD NMA$C_PCXP_CHN,NML_CHAN_SUB,,CPT$GK_PCXP_CHN,NML$GL_PRCODE
0000 1694
0000 1695 FIELDS NML_PROTOCOL_MCI ; X-25 DTE Maximum circuits
0000 1696 $WORD NMA$C_PCXP_MCI,NML_WORD_SUB,,CPT$GK_PCXP_MCI,NML$GL_PRCODE
0000 1697
0000 1698 FIELDS ; End of DTE Protocol params

```

```
0000 1700 :+++++X-25 Protocol Group State Table+++++
0000 1701 :-----
0000 1702 :-----
0000 1703 :
0000 1704 MSGS NML$NPA_SEDE_PROT_GRP
0000 1705 :
0000 1706 FIELDS
0000 1707 SEOM ...,NML$M_PRS_ALL,NML$GL_PRS_FLGS ; No parameters, do change ALL
0000 1708 $NEXT
1EF4 1709 :
1EF4 1710 $NULL ,NML_CHECK_GROUP,NML$PRM_QUAL_FORMAT ; Check entity and qualifier to
0000 1711 : make sure they are legal.
0000 1712 $NULL ,NML_FOR_ERR
0000 1713 :
0000 1714 FIELDS NML_CHECK_GROUP
0000 1715 SEOM ,NPAS_EXIT ; Check EOM again, and if so,
0000 1716 $NEXT ; get out.
1F10 1717 :
1F10 1718 FIELDS ; Number is a required parameter.
0000 1719 $SBEXP NML_GROUP_GNM,NML_GROUP_OPTIONS
0000 1720 $NULL ,NML_PMS_ERR
0000 1721 $NEXT
1F24 1722 :
1F24 1723 FIELDS NML_GROUP_OPTIONS
0000 1724 SEOM ,NPAS_EXIT
0000 1725 $NEXT
1F2C 1726 :
1F2C 1727 FIELDS
0000 1728 $SBEXP NML_GROUP_GTY,NML_GROUP_OPTIONS ; Group type
0000 1729 $NEXT
1F38 1730 :
1F38 1731 :
1F38 1732 : If there are any other X-25 protocol parameters in the message, return
1F38 1733 : a grouping error. Otherwise, return an unrecognized parameter error.
1F38 1734 :
1F38 1735 FIELDS
0000 1736 $SBEXP NML_CHK_DTE_PARAMS
0000 1737 $NEXT
1F40 1738 :
1F40 1739 FIELDS
0000 1740 $SBEXP NML_CHK_NET_PARAMS
0000 1741 $NEXT
1F48 1742 :
1F48 1743 FIELDS
0000 1744 SEOM ,NPAS_EXIT
0000 1745 $MATCH 2,NML_PTY_ERR ; Unrecognized parameter type
0000 1746 $NULL ,NML_FOR_ERR
0000 1747 :
0000 1748 :
0000 1749 FIELDS NML_GROUP_GNM
0000 1750 $WORD NMASC_PCXP_GNM,NML_WORD_SUB,,CPT$GK_PCXP_GNM,NML$GL_PRCODE
0000 1751 :
0000 1752 FIELDS NML_GROUP_GTY ; X-25 Group type
0000 1753 $WORD NMASC_PCXP_GTY,,,CPT$GK_PCXP_GTY,NML$GL_PRCODE
0000 1754 FIELDS
0000 1755 SEOM ,NML_FOR_ERR ; Format error
0000 1756 $LOOK NMASC_XPTY_BIL,NML_BYTE_SUB ; Bilateral
```

NML\$SETDEFSTATE
V04-000

SET/DEFINE PARAMETER STATE TABLES^{L 9}
Set/Define Protocol Module

16-SEP-1984 00:51:47 VAX/VMS Macro V04-00
5-SEP-1984 02:26:59 [NML.SRC]NMLSEDEST.MAR;1

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0000 1757 \$NULL .NML_PVA_ERR
0000 1758 \$NEXT
1FA4 1759

: Parameter value error

```
1FA4 1761 :  
1FA4 1762 : Subexpressions for checking grouping errors for X-25 protocol module  
1FA4 1763 : changes.  
1FA4 1764 :  
1FA4 1765 FIELDS NML_CHK DTE PARAMS  
0000 1766 $WORD NMASC_PCXP_STA,NML_PGP_ERR : DTE State  
0000 1767 $WORD NMASC_PCXP_CTM,NML_PGP_ERR : DTE Counter Timer  
0000 1768 $WORD NMASC_PCXP_DTE,NML_PGP_ERR : DTE ID  
0000 1769 $WORD NMASC_PCXP_LIN,NML_PGP_ERR : DTE Line  
0000 1770 $WORD NMASC_PCXP_MCI,NML_PGP_ERR : DTE Maximum circuits  
0000 1771 $NULL ,NPAS_EXIT  
0000 1772 $NEXT  
1FE8 1773 :  
1FE8 1774 FIELDS NML_CHK GRP PARAMS  
0000 1775 $WORD NMASC_PCXP_GRP,NML_PGP_ERR : Group ID  
0000 1776 $WORD NMASC_PCXP_GDT,NML_PGP_ERR : Group DTE  
0000 1777 $WORD NMASC_PCXP_GNM,NML_PGP_ERR : Group number  
0000 1778 $WORD NMASC_PCXP_GTY,NML_PGP_ERR : Group type  
0000 1779 $NULL ,NPAS_EXIT  
0000 1780 $NEXT  
2020 1781 :  
2020 1782 FIELDS NML_CHK NET PARAMS  
0000 1783 $WORD NMASC_PCXP_NET,NML_PGP_ERR : Network ID  
0000 1784 $WORD NMASC_PCXP_DBL,NML_PGP_ERR : Network default block  
0000 1785 $WORD NMASC_PCXP_DWI,NML_PGP_ERR : Network default window  
0000 1786 $WORD NMASC_PCXP_MBL,NML_PGP_ERR : Network Maximum block  
0000 1787 $WORD NMASC_PCXP_MWI,NML_PGP_ERR : Network Maximum window  
0000 1788 $WORD NMASC_PCXP_MCL,NML_PGP_ERR : Network Maximum clears  
0000 1789 $WORD NMASC_PCXP_MRS,NML_PGP_ERR : Network Maximum resets  
0000 1790 $WORD NMASC_PCXP_MST,NML_PGP_ERR : Network maximum restarts  
0000 1791 $WORD NMASC_PCXP_CAT,NML_PGP_ERR : Network call timer  
0000 1792 $WORD NMASC_PCXP_CLT,NML_PGP_ERR : Network clear timer  
0000 1793 $WORD NMASC_PCXP_RST,NML_PGP_ERR : Network reset timer  
0000 1794 $WORD NMASC_PCXP_STT,NML_PGP_ERR : Network restart timer  
0000 1795 $WORD NMASC_PCXP_MNS,NML_PGP_ERR : Network multinetwork support  
0000 1796 :  
0000 1797 FIELDS
```


[illegible]

```
0000 1849 :+++++
0000 1850 :----- X-25 Server Destination State Table
0000 1851 :-----
0000 1852
0000 1853 IMGS NML$NPA_SEDE_X25_SERV_DEST
0000 1854
0000 1855 FIELDS
0000 1856 $EOM ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ;No parameters
0000 1857 $NEXT
214C 1858
214C 1859 FIELDS NML_X25_DEST_LOOP
0000 1860 $EOM ,NPA$_EXIT
0000 1861 $NEXT
2154 1862
2154 1863 FIELDS
0000 1864 $SBEXP NML_X25_DEST_NOD,NML_X25_DEST_LOOP; Destination Node
0000 1865 $NEXT
2160 1866
2160 1867 FIELDS
0000 1868 $SBEXP NML_X25_DEST_USR,NML_X25_DEST_LOOP; Destination Username
0000 1869 $NEXT
216C 1870
216C 1871 FIELDS
0000 1872 $SBEXP NML_X25_DEST_SPW,NML_X25_DEST_LOOP; Destination Password to Set
0000 1873 $NEXT
2178 1874
2178 1875 FIELDS
0000 1876 $SBEXP NML_X25_DEST_ACC,NML_X25_DEST_LOOP; Destination Account
0000 1877 $NEXT
2184 1878
2184 1879 FIELDS
0000 1880 $SBEXP NML_X25_DEST_OBJ,NML_X25_DEST_LOOP; Destination Object
0000 1881 $NEXT
2190 1882
2190 1883 FIELDS
0000 1884 $SBEXP NML_X25_DEST_PRI,NML_X25_DEST_LOOP; Destination Priority
0000 1885 $NEXT
219C 1886
219C 1887 FIELDS
0000 1888 $SBEXP NML_X25_DEST_CMK,NML_X25_DEST_LOOP; Destination Call Mask
0000 1889 $NEXT
21A8 1890
21A8 1891 FIELDS
0000 1892 $SBEXP NML_X25_DEST_CVL,NML_X25_DEST_LOOP; Destination Call Value
0000 1893 $NEXT
21B4 1894
21B4 1895 FIELDS
0000 1896 $SBEXP NML_X25_DEST_GRP,NML_X25_DEST_LOOP; Destination Group
0000 1897 $NEXT
21C0 1898
21C0 1899 FIELDS
0000 1900 $SBEXP NML_X25_DEST_NUM,NML_X25_DEST_LOOP; Destination Number
0000 1901 $NEXT
21CC 1902
21CC 1903 FIELDS
0000 1904 $SBEXP NML_X25_DEST_SAD,NML_X25_DEST_LOOP; Destination Subaddresses
0000 1905 $NEXT
```

```
21D8 1906
21D8 1907 FIELDS
0000 1908 $SBEXP NML_X25_DEST_FIL,NML_X25_DEST_LOOP; Destination Object Filename
0000 1909 $NEXT
21E4 1910
21E4 1911 FIELDS
0000 1912 $NULL ,NML_DEST_GROUP_ERR
0000 1913
0000 1914
0000 1915 FIELDS NML_X25_DEST_NOD ; X-25 Destination Node
0000 1916 $WORD NMASC_PCXS_NOD,NML_NODEID_SUB,,CPT$GK_PCXS_NOD,NML$GL_PRMCODE
0000 1917
0000 1918 FIELDS NML_X25_DEST_USR ; X-25 Destination Username
0000 1919 $WORD NMASC_PCXS_USR,NML_IMG_SUB,,CPT$GK_PCXS_USR,NML$GL_PRMCODE
0000 1920
0000 1921 FIELDS NML_X25_DEST_SPW ; X-25 Destination Password to set
0000 1922 $WORD NMASC_PCXS_SPW,NML_IMG_SUB,,CPT$GK_PCXS_SPW,NML$GL_PRMCODE
0000 1923
0000 1924 FIELDS NML_X25_DEST_ACC ; X-25 Destination Account
0000 1925 $WORD NMASC_PCXS_ACC,NML_IMG_SUB,,CPT$GK_PCXS_ACC,NML$GL_PRMCODE
0000 1926
0000 1927 FIELDS NML_X25_DEST_OBJ ; X-25 Destination Object
0000 1928 $WORD NMASC_PCXS_OBJ,,,CPT$GK_PCXS_OBJ,NML$GL_PRMCODE
0000 1929 FIELDS
0000 1930 $EOM NML FOR ERR ; format error
0000 1931 $LOOK 0,NML_X25_DEST_OBJ_NUM
0000 1932 $NULL ,NML_IMG_SUB
0000 1933
0000 1934 FIELDS NML_X25_DEST_OBJ_NUM
0000 1935 $NULL NML_PVA_ERR ; Parameter value error
0000 1936 :$MATCH 1,NML_BYTE_SUB
0000 1937
0000 1938 FIELDS NML_X25_DEST_PRI ; X-25 Destination Priority
0000 1939 $WORD NMASC_PCXS_PRI,NML_BYTE_SUB,,CPT$GK_PCXS_PRI,NML$GL_PRMCODE
0000 1940
0000 1941 FIELDS NML_X25_DEST_CMK ; X-25 Destination Call mask
0000 1942 $WORD NMASC_PCXS_CMK,NML_IMG_SUB,,CPT$GK_PCXS_CMK,NML$GL_PRMCODE
0000 1943
0000 1944 FIELDS NML_X25_DEST_CVL ; X-25 Destination Call value
0000 1945 $WORD NMASC_PCXS_CVL,NML_IMG_SUB,,CPT$GK_PCXS_CVL,NML$GL_PRMCODE
0000 1946
0000 1947 FIELDS NML_X25_DEST_GRP ; X-25 Destination Group
0000 1948 $WORD NMASC_PCXS_GRP,NML_IMG_SUB,,CPT$GK_PCXS_GRP,NML$GL_PRMCODE
0000 1949
0000 1950 FIELDS NML_X25_DEST_NUM ; X-25 Destination Number
0000 1951 $WORD NMASC_PCXS_NUM,NML_IMG_SUB,,CPT$GK_PCXS_NUM,NML$GL_PRMCODE
0000 1952
0000 1953 FIELDS NML_X25_DEST_SAD ; X-25 Destination Subaddresses
0000 1954 $WORD NMASC_PCXS_SAD,NML_LONG_SUB,,CPT$GK_PCXS_SAD,NML$GL_PRMCODE
0000 1955
0000 1956 FIELDS NML_X25_DEST_FIL ; X-25 Destination File
0000 1957 $WORD NMASC_PCXS_FIL,NML_IMG_SUB,,CPT$GK_PCXS_FIL,NML$GL_PRMCODE
0000 1958
0000 1959 FIELDS
```

```

0000 1961 .SBTTL NML$NPA_SEDE_TRACE Set/Define Trace Module
0000 1962 :+++++T++++T+++++
0000 1963 : X-25 Trace Module State Table
0000 1964 :-----
0000 1965
0000 1966 IMGS NML$NPA_SEDE_TRACE
0000 1967
0000 1968 FIELDS
0000 1969 $EOM ,NPAS_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ;No parameters
0000 1970 $NEXT
230C 1971
230C 1972 FIELDS NML_TRACE_PARAMS
0000 1973 $EOM ,NPAS_EXIT
0000 1974 $NEXT
2314 1975
2314 1976 FIELDS
0000 1977 $SBEXP NML_TRACE_STA,NML_TRACE_PARAMS ; State
0000 1978 $NEXT
2320 1979
2320 1980 FIELDS
0000 1981 $SBEXP NML_TRACE_BSZ,NML_TRACE_PARAMS ; Buffer size
0000 1982 $NEXT
232C 1983
232C 1984 FIELDS
0000 1985 $SBEXP NML_TRACE_MBK,NML_TRACE_PARAMS ; Maximum blocks/files
0000 1986 $NEXT
2338 1987
2338 1988 FIELDS
0000 1989 $SBEXP NML_TRACE_FNM,NML_TRACE_PARAMS ; Filename
0000 1990 $NEXT
2344 1991
2344 1992 FIELDS
0000 1993 $SBEXP NML_TRACE_MBF,NML_TRACE_PARAMS ; Maximum number of buffers
0000 1994 $NEXT
2350 1995
2350 1996 FIELDS
0000 1997 $SBEXP NML_TRACE_CPL,NML_TRACE_PARAMS ; Global data capture limit
0000 1998 $NEXT
235C 1999
235C 2000 FIELDS
0000 2001 $SBEXP NML_TRACE_MVR,NML_TRACE_PARAMS ; Maximum trace file version
0000 2002 $NEXT
2368 2003
2368 2004 :
2368 2005 : Check for grouping error - any tracepoint parameters are not
2368 2006 : allowed in a NICE command updating the Trace Module.
2368 2007 :
2368 2008 FIELDS
0000 2009 $WORD NMASC_PCXT_TPT,NML_PGP_ERR ; Tracepoint
0000 2010 $WORD NMASC_PCXT_CPS,NML_PGP_ERR ; Per-trace capture size
0000 2011 $WORD NMASC_PCXT_TST,NML_PGP_ERR ; Per-trace state
0000 2012 $NULL ,NPAS_EXIT
0000 2013 $NEXT
2394 2014
2394 2015 FIELDS
0000 2016 $MATCH 2,NML_PTY_ERR ; Unrecognized parameter type
0000 2017 $NULL ,NML_FOR_ERR

```



```

0000 2018
0000 2019
0000 2020
0000 2021 :
0000 2022 : Subexpressions for X25 Trace Module parameters
0000 2023 :
0000 2024 FIELDS NML TRACE STA : X-25 Trace state
0000 2025 SWORD NMASC_PCXT_STA,NML_BYTE_SUB,,CPT$GK_PCXT_STA,NML$GL_PRMCODE
0000 2026
0000 2027 FIELDS NML TRACE BSZ : X-25 Trace buffer size
0000 2028 SWORD NMASC_PCXT_BSZ,NML_WORD_SUB,,CPT$GK_PCXT_BSZ,NML$GL_PRMCODE
0000 2029
0000 2030 FIELDS NML TRACE MBK : X-25 Trace Maximum blocks/file
0000 2031 SWORD NMASC_PCXT_MBK,NML_WORD_SUB,,CPT$GK_PCXT_MBK,NML$GL_PRMCODE
0000 2032
0000 2033 FIELDS NML TRACE FNM : X-25 Trace Filename
0000 2034 SWORD NMASC_PCXT_FNM,NML_IMG_SUB,,CPT$GK_PCXT_FNM,NML$GL_PRMCODE
0000 2035
0000 2036 FIELDS NML TRACE MBF : X-25 Trace Maximum number of buffers
0000 2037 SWORD NMASC_PCXT_MBF,NML_WORD_SUB,,CPT$GK_PCXT_MBF,NML$GL_PRMCODE
0000 2038
0000 2039 FIELDS NML TRACE CPL : X-25 Trace capture Limit
0000 2040 SWORD NMASC_PCXT_CPL,NML_WORD_SUB,,CPT$GK_PCXT_CPL,NML$GL_PRMCODE
0000 2041
0000 2042 FIELDS NML TRACE MVR : X-25 Trace File Version
0000 2043 SWORD NMASC_PCXT_MVR,NML_WORD_SUB,,CPT$GK_PCXT_MVR,NML$GL_PRMCODE
0000 2044
0000 2045 FIELDS : End of Server Module parameters

```

```

0000 2047 :+++++
0000 2048 :----- X-25 Tracepoint State Table -----
0000 2049 :-----
0000 2050
0000 2051 IMGS NML$NPA_SEDE_TRACEPOINT
0000 2052
0000 2053 FIELDS
0000 2054 $EOM ,NPAS_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ;No parameters
0000 2055 $NEXT
2444 2056
2444 2057 FIELDS NML_TRACEPNT_LOOP
0000 2058 $EOM ,NPAS_EXIT
0000 2059 $NEXT
244C 2060
244C 2061 FIELDS
0000 2062 $SBEXP NML_TRACEPNT_CPS,NML_TRACEPNT_LOOP; Per-trace capture size
0000 2063 $NEXT
2458 2064
2458 2065 FIELDS
0000 2066 $SBEXP NML_TRACEPNT_TST,NML_TRACEPNT_LOOP; Per-trace state
0000 2067 $NEXT
2464 2068
2464 2069 :
2464 2070 : Check for grouping error - any trace parameters are not
2464 2071 : allowed in a NICE command updating the Tracepoint Module.
2464 2072 :
2464 2073 FIELDS
0000 2074 $WORD NMASC_PCXT_STA,NML_PGP_ERR ; X25-Trace state
0000 2075 $WORD NMASC_PCXT_BSZ,NML_PGP_ERR ; X25-Trace buffer size
0000 2076 $WORD NMASC_PCXT_MBK,NML_PGP_ERR ; X25-Trace maximum blocks/file
0000 2077 $WORD NMASC_PCXT_FNM,NML_PGP_ERR ; X25-Trace filename
0000 2078 $WORD NMASC_PCXT_MBF,NML_PGP_ERR ; X25-Trace maximum # of buffers
0000 2079 $WORD NMASC_PCXT_CPL,NML_PGP_ERR ; X25-Trace capture limit
0000 2080 $WORD NMASC_PCXT_MVR,NML_PGP_ERR ; X25-Trace max trace file version
0000 2081 $NULL ,NPAS_EXIT
0000 2082 $NEXT
24C0 2083
24C0 2084 FIELDS
0000 2085 $MATCH 2,NML_PTY_ERR ; Unrecognized parameter
0000 2086 $NULL ,NML_FOR_ERR
0000 2087
0000 2088
0000 2089 FIELDS NML_TRACEPNT_CPS ; Tracepoint capture size
0000 2090 $WORD NMASC_PCXT_CPS,NML_WORD_SUB,,CPT$GK_PCXT_CPS,NML$GL_PRCODE
0000 2091
0000 2092 FIELDS NML_TRACEPNT_TST ; Tracepoint per-trace state
0000 2093 $WORD NMASC_PCXT_TST,NML_BYTE_SUB,,CPT$GK_PCXT_TST,NML$GL_PRCODE
0000 2094
0000 2095 FIELDS

```

```
0000 2097 .SBTTL NML$NPA SEDE X29 SERVER Set/Define Server Module
0000 2098 :*****
0000 2099 :-----
0000 2100 :-----
0000 2101 :
0000 2102 MSGS NML$NPA_SEDE_X29_SERV
0000 2103
0000 2104 FIELDS
0000 2105 SEOM .NPA$EXIT,.NML$M_PRS_ALL,NML$GL_PRS_FLGS ;No parameters
0000 2106 SNEXT
250C 2107
0000 2108 FIELDS NML_X29_SERV_PARAMS
0000 2109 SEOM .NPA$EXIT
0000 2110 SNEXT
2514 2111
2514 2112 FIELDS
0000 2113 $SBEXP NML_X29_SERV_CTM,NML_X29_SERV_PARAMS ; Counter timer
0000 2114 SNEXT
2520 2115
2520 2116 FIELDS
0000 2117 $SBEXP NML_X29_SERV_MCI,NML_X29_SERV_PARAMS ; Maximum circuits
0000 2118 SNEXT
252C 2119
252C 2120 FIELDS
0000 2121 $SBEXP NML_X29_SERV_SIA,NML_X29_SERV_PARAMS ; State
0000 2122 SNEXT
2538 2123
2538 2124 :
2538 2125 : Check for grouping error - any destination parameters are not
2538 2126 : allowed in a NICE command updating the Server Module.
2538 2127 :
2538 2128 FIELDS NML_SERV_GROUP_ERR
0000 2129 SWORD NMASC_PCXS_DST,NML_PGP_ERR ; Destination
0000 2130 SWORD NMASC_PCXS_MCI,NML_PGP_ERR ; Maximum circuits
0000 2131 SWORD NMASC_PCXS_MOD,NML_PGP_ERR ; Node
0000 2132 SWORD NMASC_PCXS_USR,NML_PGP_ERR ; Username
0000 2133 SWORD NMASC_PCXS_SPW,NML_PGP_ERR ; Password
0000 2134 SWORD NMASC_PCXS_ACC,NML_PGP_ERR ; Account
0000 2135 SWORD NMASC_PCXS_OBJ,NML_PGP_ERR ; Object
0000 2136 SWORD NMASC_PCXS_PR,NML_PGP_ERR ; Priority
0000 2137 SWORD NMASC_PCXS_CMK,NML_PGP_ERR ; Call mask
0000 2138 SWORD NMASC_PCXS_CVL,NML_PGP_ERR ; Call value
0000 2139 SWORD NMASC_PCXS_GRP,NML_PGP_ERR ; Group
0000 2140 SWORD NMASC_PCXS_NUM,NML_PGP_ERR ; Number
0000 2141 SWORD NMASC_PCXS_SAD,NML_PGP_ERR ; Subaddresses
0000 2142 SWORD NMASC_PCXS_FIL,NML_PGP_ERR ; Object file
0000 2143 SNEXT
25E0 2144
25E0 2145 FIELDS
0000 2146 $MATCH 2,NML_PTY_ERR ; Unrecognized parameter
0000 2147 $NULL ,NML_FOR_ERR
0000 2148
0000 2149
0000 2150 :
0000 2151 : Subexpressions for Server Module parameters
0000 2152 :
0000 2153 FIELDS NML_X29_SERV_CTM ; X-29 Server counter timer
```

NML\$SETDEFSTATE
V04-000

SET/DEFINE PARAMETER STATE TABLES H 10 16-SEP-1984 00:51:47 VAX/VMS Macro V04-00 Page 45
NML\$NPA_SEDE_X29_SERVER Set/Define Serve 5-SEP-1984 02:26:59 [NML.SRC]NMLSEDEST.MAR;1 (18)

```
0000 2154 SWORD NMASC_PCXS_CTM,NML_WORD_SUB,,CPT$GK_PCXS9_CTM,NML$GL_PRCODE
0000 2155
0000 2156 FIELDS NML X29 SERV MCI ; X-29 Server maximum circuits
0000 2157 SWORD NMASC_PCXS_MCI,NML_WORD_SUB,,CPT$GK_PCXS9_MCI,NML$GL_PRCODE
0000 2158
0000 2159 FIELDS NML X29 SERV STA ; X-29 Server state
0000 2160 SWORD NMASC_PCXS_STA,NML_BYTE_SUB,,CPT$GK_PCXS9_STA,NML$GL_PRCODE
0000 2161
0000 2162 FIELDS ; End of Server Module parameters
```



```
0000 2164 :+++++
0000 2165 :      X-29 Server Destination State Table
0000 2166 :-----
0000 2167 :
0000 2168 IMSGS  NML$NPA_SEDE_X29_SERV_DEST
0000 2169
0000 2170 FIELDS
0000 2171 $EOM   ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS           ;No parameters
0000 2172 $NEXT
2640 2173
2640 2174 FIELDS  NML_X29_DEST_LOOP
0000 2175 $EOM   ,NPA$_EXIT
0000 2176 $NEXT
2648 2177
2648 2178 FIELDS
0000 2179 $$BEXP  NML_X29_DEST_NOD,NML_X29_DEST_LOOP; Destination Node
0000 2180 $NEXT
2654 2181
2654 2182 FIELDS
0000 2183 $$BEXP  NML_X29_DEST_USR,NML_X29_DEST_LOOP; Destination Username
0000 2184 $NEXT
2660 2185
2660 2186 FIELDS
0000 2187 $$BEXP  NML_X29_DEST_SPW,NML_X29_DEST_LOOP; Destination Password to Set
0000 2188 $NEXT
266C 2189
266C 2190 FIELDS
0000 2191 $$BEXP  NML_X29_DEST_ACC,NML_X29_DEST_LOOP; Destination Account
0000 2192 $NEXT
2678 2193
2678 2194 FIELDS
0000 2195 $$BEXP  NML_X29_DEST_OBJ,NML_X29_DEST_LOOP; Destination Object
0000 2196 $NEXT
2684 2197
2684 2198 FIELDS
0000 2199 $$BEXP  NML_X29_DEST_PRI,NML_X29_DEST_LOOP; Destination Priority
0000 2200 $NEXT
2690 2201
2690 2202 FIELDS
0000 2203 $$BEXP  NML_X29_DEST_CMK,NML_X29_DEST_LOOP; Destination Call Mask
0000 2204 $NEXT
269C 2205
269C 2206 FIELDS
0000 2207 $$BEXP  NML_X29_DEST_CVL,NML_X29_DEST_LOOP; Destination Call Value
0000 2208 $NEXT
26A8 2209
26A8 2210 FIELDS
0000 2211 $$BEXP  NML_X29_DEST_GRP,NML_X29_DEST_LOOP; Destination Group
0000 2212 $NEXT
26B4 2213
26B4 2214 FIELDS
0000 2215 $$BEXP  NML_X29_DEST_NUM,NML_X29_DEST_LOOP; Destination Number
0000 2216 $NEXT
26C0 2217
26C0 2218 FIELDS
0000 2219 $$BEXP  NML_X29_DEST_SAD,NML_X29_DEST_LOOP; Destination Subaddresses
0000 2220 $NEXT
```

```
26CC 2221
26CC 2222 FIELDS
0000 2223 $SBEXP NML_X29_DEST_FIL,NML_X29_DEST_LOOP; Destination Object file
0000 2224 $NEXT
26D8 2225
26D8 2226 FIELDS NML_DEST_GROUP_ERR
0000 2227 $WORD NMA$C_PCXS_CTM,NML_PGP_ERR ; Counter timer
0000 2228 $WORD NMA$C_PCXS_ACI,NML_PGP_ERR ; Active circuits
0000 2229 $WORD NMA$C_PCXS_DST,NML_PGP_ERR ; Destination
0000 2230 $WORD NMA$C_PCXS_STA,NML_PGP_ERR ; State
0000 2231 $NULL ,NPAS_EXIT
0000 2232 $NEXT
2710 2233
2710 2234 FIELDS
0000 2235 $MATCH 2,NML_PTY_ERR ; Unrecognized parameter type
0000 2236 $NULL ,NML_FOR_ERR
0000 2237
0000 2238
0000 2239
0000 2240 FIELDS NML_X29_DEST_NOD ; X-29 Destination Node
0000 2241 $WORD NMA$C_PCXS_NOD,NML_NODEID_SUB,,CPT$GK_PCXS9_NOD,NML$GL_PRMCODE
0000 2242
0000 2243 FIELDS NML_X29_DEST_USR ; X-29 Username
0000 2244 $WORD NMA$C_PCXS_USR,NML_IMG_SUB,,CPT$GK_PCXS9_USR,NML$GL_PRMCODE
0000 2245
0000 2246 FIELDS NML_X29_DEST_SPW ; X-29 Password to set
0000 2247 $WORD NMA$C_PCXS_SPW,NML_IMG_SUB,,CPT$GK_PCXS9_SPW,NML$GL_PRMCODE
0000 2248
0000 2249 FIELDS NML_X29_DEST_ACC ; X-29 Account
0000 2250 $WORD NMA$C_PCXS_ACC,NML_IMG_SUB,,CPT$GK_PCXS9_ACC,NML$GL_PRMCODE
0000 2251
0000 2252 FIELDS NML_X29_DEST_OBJ ; X-29 Object
0000 2253 $WORD NMA$C_PCXS_OBJ,,,CPT$GK_PCXS9_OBJ,NML$GL_PRMCODE
0000 2254 FIELDS
0000 2255 $EOM ,NML_FOR_ERR ; Format error
0000 2256 $LOOK 0,NML_X29_DEST_OBJ_NUM
0000 2257 $NULL ,NML_IMG_SUB
0000 2258
0000 2259 FIELDS NML_X29_DEST_OBJ_NUM
0000 2260 $MATCH 1,NML_BYTE_SUB
0000 2261
0000 2262 FIELDS NML_X29_DEST_PRI ; X-29 Server Priority
0000 2263 $WORD NMA$C_PCXS_PRI,NML_BYTE_SUB,,CPT$GK_PCXS9_PRI,NML$GL_PRMCODE
0000 2264
0000 2265 FIELDS NML_X29_DEST_CMK ; X-29 Server Call mask
0000 2266 $WORD NMA$C_PCXS_CMK,NML_IMG_SUB,,CPT$GK_PCXS9_CMK,NML$GL_PRMCODE
0000 2267
0000 2268 FIELDS NML_X29_DEST_CVL ; X-29 Server Call value
0000 2269 $WORD NMA$C_PCXS_CVL,NML_IMG_SUB,,CPT$GK_PCXS9_CVL,NML$GL_PRMCODE
0000 2270
0000 2271 FIELDS NML_X29_DEST_GRP ; X-29 Server Group
0000 2272 $WORD NMA$C_PCXS_GRP,NML_IMG_SUB,,CPT$GK_PCXS9_GRP,NML$GL_PRMCODE
0000 2273
0000 2274 FIELDS NML_X29_DEST_NUM ; X-29 Server Number
0000 2275 $WORD NMA$C_PCXS_NUM,NML_IMG_SUB,,CPT$GK_PCXS9_NUM,NML$GL_PRMCODE
0000 2276
0000 2277 FIELDS NML_X29_DEST_SAD ; X-29 Server Subaddresses
```

NML\$SETDEFSTATE
V04-000

SET/DEFINE PARAMETER STATE TABLES K 10
NML\$NPA_SEDE_X29_SERVER Set/Define Serve 16-SEP-1984 00:51:47 VAX/VMS Macro V04-00
5-SEP-1984 02:26:59 [NML.SRC]NMLSEDEST.MAR;1

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0000	2278	\$WORD	NMASC_PCXS_SAD,NML_LONG_SUB,,CPT\$GK_PCXS9_SAD,NML\$GL_PRCODE
0000	2279		
0000	2280	FIELDS	NML X29 DEST FIL : X-29 Server Filename
0000	2281	\$WORD	NMASC_PCXS_FIL,NML_IMG_SUB,,CPT\$GK_PCXS9_FIL,NML\$GL_PRCODE
0000	2282		
0000	2283	FIELDS	

```

0000 2285 .SBTTL NML$NPA_SEDE_NI_CONF Set/Define NI Configurator state table
0000 2286
0000 2287 :+
0000 2288 : NI Configurator Module
0000 2289 :-
0000 2290
0000 2291 MSGS NML$NPA_SEDE_NI_CONFIG
0000 2292
0000 2293 FIELDS
0000 2294 $EOM ,NPAS_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS ; No parameters
0000 2295 $NEXT
2848 2296
2848 2297 FIELDS
0000 2298 $EOM ,NPAS_EXIT
0000 2299 $WORD NMASC_PCCN_SUR,NML_BYTE_SUB,,CPT$GK_PCCN_SUR,NML$GL_PRCODE
0000 2300
0000 2301 FIELDS
0000 2302 $MATCH 2,NML_PTY_ERR ; Parameter type error
0000 2303 $NULL ,NML_FOR_ERR ; Format error
0000 2304
0000 2305 FIELDS

```



```
0000 2307 .SBTTL NML$NPA_SEDEOBJ Set/Define object parameter state table
0000 2308
0000 2309 :+
0000 2310 : object
0000 2311 :-
0000 2312
0000 2313 IMSGS NML$NPA_SEDEOBJ
0000 2314
0000 2315 FIELDS
0000 2316 $EOM .NPAS_EXIT,.NML$M_PRS_ALL,NML$GL_PRS_FLGS ; No parameters
0000 2317 $NEXT
2888 2318
2888 2319 FIELDS NML_OBJ_START
0000 2320 $EOM .NPAS_EXIT
0000 2321 $$BEXP NML_OBJ_NUM,NML_OBJ_START
0000 2322 $NEXT
289C 2323
289C 2324 FIELDS
0000 2325 $$BEXP NML_OBJ_FID,NML_OBJ_START
0000 2326 $NEXT
28A8 2327
28A8 2328 FIELDS
0000 2329 $$BEXP NML_OBJ_PRV,NML_OBJ_START
0000 2330 $NEXT
28B4 2331
28B4 2332 FIELDS
0000 2333 $$BEXP NML_OBJ_USR,NML_OBJ_START
0000 2334 $NEXT
28C0 2335
28C0 2336 FIELDS
0000 2337 $$BEXP NML_OBJ_ACC,NML_OBJ_START
0000 2338 $NEXT
28CC 2339
28CC 2340 FIELDS
0000 2341 $$BEXP NML_OBJ_PSW,NML_OBJ_START
0000 2342 $NEXT
28D8 2343
28D8 2344 FIELDS
0000 2345 $$BEXP NML_OBJ_PRX,NML_OBJ_START ; Proxy login access
0000 2346 $NEXT
28E4 2347
28E4 2348 FIELDS
0000 2349 $MATCH 2,NML_PTY_ERR ; Parameter type error
0000 2350 $NULL .NML_FOR_ERR ; Format error
0000 2351
0000 2352 FIELDS NML_OBJ_FID ; File id
0000 2353 $WORD NMA$C_PCOB_FID,NML_IMG_SUB,,CPT$GK_PCOB_FID,NML$GL_PRCODE
0000 2354
0000 2355 FIELDS NML_OBJ_NUM ; Number
0000 2356 $WORD NMA$C_PCOB_NUM,NML_BYTE_SUB,NML$PRM_CHKKN0,CPT$GK_PCOB_NUM,NML$GL_PRCODE
0000 2357
0000 2358 FIELDS NML_OBJ_PRV ; Privilege list
0000 2359 $WORD NMA$C_PCOB_PRV,,,CPT$GK_PCOB_PRV,NML$GL_PRCODE
0000 2360 FIELDS
0000 2361 $IMAGE 8,NPAS_EXIT,NML$PRM_OBJPRV
0000 2362 $NULL .NML_FOR_ERR ; Message format error
0000 2363
```

NML\$SETDEFSTATE
V04-000

SET/DEFINE PARAMETER STATE TABLES N 10
NML\$NPA_SEDEOBJ Set/Define object parame 16-SEP-1984 00:51:47 VAX/VMS Macro V04-00
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```
0000 2364 FIELDS NML OBJ_USR ; User id
0000 2365 $WORD NMA$C_PCOB_USR,NML_IMG_SUB,,CPT$GK_PCOB_USR,NML$GL_PRCODE
0000 2366
0000 2367 FIELDS NML OBJ_ACC ; Account
0000 2368 $WORD NMA$C_PCOB_ACC,NML_IMG_SUB,,CPT$GK_PCOB_ACC,NML$GL_PRCODE
0000 2369
0000 2370 FIELDS NML OBJ_PSW ; Password
0000 2371 $WORD NMA$C_PCOB_PSW,NML_IMG_SUB,,CPT$GK_PCOB_PSW,NML$GL_PRCODE
0000 2372
0000 2373 FIELDS NML OBJ_PRX ; Proxy login access
0000 2374 $WORD NMA$C_PCOB_PRX,NML_BYTE_SUB,,CPT$GK_PCOB_PRX,NML$GL_PRCODE
0000 2375
0000 2376 FIELDS ; End of object parameter states
```

```
0000 2378 .SBTTL NML$NPA_SEDESUB Common set/define parameter parsing subexpressions
0000 2379
0000 2380 :+
0000 2381 : Common subexpressions
0000 2382 :-
0000 2383
0000 2384 MSGS NML$NPA_SEDESUB
0000 2385
0000 2386 FIELDS NML_NODEID SUB ; Host node name or address
0000 2387 $LOOK 0,NML_NODNUM
0000 2388 $IMAGE 6,NPAS_EXIT,NML$PRM_SAVE_NODE,,,NML$C_NODE_ID_PARAM
0000 2389
0000 2390 FIELDS NML_NODNUM
0000 2391 $MATCH 3,NPAS_EXIT,NML$PRM_SAVE_NODE,,,NML$C_NODE_ID_PARAM
0000 2392 $NULL ,NML_FOR_ERR
0000 2393
0000 2394 FIELDS NML_NODE_ADDR SUB
0000 2395 $MATCH 2,NPAS_EXIT,NML$PRM_SAVE_NODE,,,NML$C_NODE_NUM_PARAM
0000 2396 $NULL ,NML_FOR_ERR
0000 2397
0000 2398 FIELDS NML_LINE SUB ; Line id
0000 2399 $IMAGE 15,NPAS_EXIT,NML$PRM_CHECK
0000 2400 $NULL ,NML_FOR_ERR ; Format error
0000 2401
0000 2402 FIELDS NML_CHAN SUB ; DTE channels parameter
0000 2403 $MATCH 4,NPAS_EXIT,NML$PRM_CHANNELS
0000 2404 $NULL ,NML_FOR_ERR ; Format error
0000 2405
0000 2406 FIELDS NML_BYTE SUB ; Single byte parameter
0000 2407 $MATCH 1,NPAS_EXIT,NML$PRM_CHECK
0000 2408 $NULL ,NML_FOR_ERR ; Format error
0000 2409
0000 2410 FIELDS NML_WORD SUB ; Word parameter
0000 2411 $MATCH 2,NPAS_EXIT,NML$PRM_CHECK
0000 2412 $NULL ,NML_FOR_ERR ; Format error
0000 2413
0000 2414 FIELDS NML_LONG SUB ; Longword parameter
0000 2415 $MATCH 4,NPAS_EXIT,NML$PRM_CHECK
0000 2416 $NULL ,NML_FOR_ERR ; Format error
0000 2417
0000 2418 FIELDS NML_IMG SUB ; Image parameter
0000 2419 $IMAGE 255,NPAS_EXIT,NML$PRM_STRCHK
0000 2420 $NULL ,NML_FOR_ERR ; Format error
0000 2421
0000 2422 FIELDS NML_MOD ENT ; Finish processing module entity.
0000 2423 $MATCH 1,NPAS_EXIT,NML$PRM_IDLEQ ; 1 byte if zero or negative.
0000 2424 $IMAGE 16,NPAS_EXIT,NML$PRM_IDN ; 16 bytes of destination ID
0000 2425
0000 2426 :
0000 2427 : Error subexpressions.
0000 2428 :
0000 2429 FIELDS NML_PTY_ERR ; Parameter type error
0000 2430 $ERROR NML$STS_PTY,,NML$PRM_ERR,,,NML$C_STS_PTY
0000 2431
0000 2432 FIELDS NML_PNA_ERR ; Parameter not applicable error
0000 2433 $ERROR NML$STS_PNA,,NML$PRM_ERR,,,NML$C_STS_PNA
0000 2434
```

```

0000 2435 FIELDS NML_PVA_ERR ; Parameter value error
0000 2436 $ERROR NML$STS_PVA,,NML$PRM_ERR,,NMASC_STS_PVA
0000 2437
0000 2438 FIELDS NML_FOR_ERR ; Message format error
0000 2439 $ERROR NML$STS_INV,,NML$PRM_ERR,,NMASC_STS_INV
0000 2440
0000 2441 FIELDS NML_PMS_ERR ; Parameter missing error
0000 2442 $ERROR NML$STS_PMS,,NML$PRM_ERR,,NMASC_STS_PMS
0000 2443
0000 2444 FIELDS NML_PGP_ERR ; Parameter grouping error
0000 2445 $ERROR NML$STS_PGP,,NML$PRM_ERR,,NMASC_STS_PGP
0000 2446
0000 2447 FIELDS ; End of common parsing states
0000 2448
0000 2449
0000 2450 .END

```


CPT\$GK_PCCI_ACB	*****	X	03
CPT\$GK_PCCI_ACI	*****	X	03
CPT\$GK_PCCI_BBT	*****	X	03
CPT\$GK_PCCI_BLK	*****	X	03
CPT\$GK_PCCI_CHN	*****	X	03
CPT\$GK_PCCI_COS	*****	X	03
CPT\$GK_PCCI_DIE	*****	X	03
CPT\$GK_PCCI_DTH	*****	X	03
CPT\$GK_PCCI_DYB	*****	X	03
CPT\$GK_PCCI_DYI	*****	X	03
CPT\$GK_PCCI_DYT	*****	X	03
CPT\$GK_PCCI_HET	*****	X	03
CPT\$GK_PCCI_IAB	*****	X	03
CPT\$GK_PCCI_IAI	*****	X	03
CPT\$GK_PCCI_IAT	*****	X	03
CPT\$GK_PCCI_LCT	*****	X	03
CPT\$GK_PCCI_MBL	*****	X	03
CPT\$GK_PCCI_MRB	*****	X	03
CPT\$GK_PCCI_MRC	*****	X	03
CPT\$GK_PCCI_MRT	*****	X	03
CPT\$GK_PCCI_MTR	*****	X	03
CPT\$GK_PCCI_MWI	*****	X	03
CPT\$GK_PCCI_NUM	*****	X	03
CPT\$GK_PCCI_OWN	*****	X	03
CPT\$GK_PCCI_POL	*****	X	03
CPT\$GK_PCCI_RCT	*****	X	03
CPT\$GK_PCCI_RPR	*****	X	03
CPT\$GK_PCCI_SER	*****	X	03
CPT\$GK_PCCI_STA	*****	X	03
CPT\$GK_PCCI_TRI	*****	X	03
CPT\$GK_PCCI_TRT	*****	X	03
CPT\$GK_PCCI_TYP	*****	X	03
CPT\$GK_PCCI_USE	*****	X	03
CPT\$GK_PCCI_VER	*****	X	03
CPT\$GK_PCCI_XPT	*****	X	03
CPT\$GK_PCCN_SUR	*****	X	03
CPT\$GK_PCLI_BFN	*****	X	03
CPT\$GK_PCLI_BS2	*****	X	03
CPT\$GK_PCLI_CLO	*****	X	03
CPT\$GK_PCLI_CON	*****	X	03
CPT\$GK_PCLI_DDT	*****	X	03
CPT\$GK_PCLI_DLT	*****	X	03
CPT\$GK_PCLI_DUP	*****	X	03
CPT\$GK_PCLI_EPT	*****	X	03
CPT\$GK_PCLI_HTI	*****	X	03
CPT\$GK_PCLI_LCT	*****	X	03
CPT\$GK_PCLI_MBL	*****	X	03
CPT\$GK_PCLI_MCD	*****	X	03
CPT\$GK_PCLI_MRT	*****	X	03
CPT\$GK_PCLI_MWI	*****	X	03
CPT\$GK_PCLI_PRO	*****	X	03
CPT\$GK_PCLI_RIT	*****	X	03
CPT\$GK_PCLI_SER	*****	X	03
CPT\$GK_PCLI_SLT	*****	X	03
CPT\$GK_PCLI_SRT	*****	X	03
CPT\$GK_PCLI_STA	*****	X	03
CPT\$GK_PCLI_STI	*****	X	03

CPT\$GK_PCLI_XMD	*****	X	03
CPT\$GK_PCLO_EVE	*****	X	03
CPT\$GK_PCLO_LNA	*****	X	03
CPT\$GK_PCLO_SIN	*****	X	03
CPT\$GK_PCLO_STA	*****	X	03
CPT\$GK_PCNO_ACC	*****	X	03
CPT\$GK_PCNO_ADD	*****	X	03
CPT\$GK_PCNO_ADD	*****	X	03
CPT\$GK_PCNO_ALI	*****	X	03
CPT\$GK_PCNO_AMC	*****	X	03
CPT\$GK_PCNO_AMH	*****	X	03
CPT\$GK_PCNO_BRT	*****	X	03
CPT\$GK_PCNO_BUS	*****	X	03
CPT\$GK_PCNO_CPU	*****	X	03
CPT\$GK_PCNO_CTI	*****	X	03
CPT\$GK_PCNO_DAC	*****	X	03
CPT\$GK_PCNO_DAD	*****	X	03
CPT\$GK_PCNO_DCT	*****	X	03
CPT\$GK_PCNO_DFA	*****	X	03
CPT\$GK_PCNO_DFL	*****	X	03
CPT\$GK_PCNO_DPX	*****	X	03
CPT\$GK_PCNO_DUM	*****	X	03
CPT\$GK_PCNO_DWE	*****	X	03
CPT\$GK_PCNO_ETY	*****	X	03
CPT\$GK_PCNO_HWA	*****	X	03
CPT\$GK_PCNO_IAT	*****	X	03
CPT\$GK_PCNO_IDE	*****	X	03
CPT\$GK_PCNO_IHO	*****	X	03
CPT\$GK_PCNO_ITI	*****	X	03
CPT\$GK_PCNO_LOA	*****	X	03
CPT\$GK_PCNO_MAD	*****	X	03
CPT\$GK_PCNO_MAR	*****	X	03
CPT\$GK_PCNO_MBE	*****	X	03
CPT\$GK_PCNO_MBR	*****	X	03
CPT\$GK_PCNO_MBU	*****	X	03
CPT\$GK_PCNO_MCO	*****	X	03
CPT\$GK_PCNO_MHO	*****	X	03
CPT\$GK_PCNO_MLK	*****	X	03
CPT\$GK_PCNO_MLN	*****	X	03
CPT\$GK_PCNO_MVI	*****	X	03
CPT\$GK_PCNO_NAC	*****	X	03
CPT\$GK_PCNO_NLI	*****	X	03
CPT\$GK_PCNO_NNS	*****	X	03
CPT\$GK_PCNO_NNA	*****	X	03
CPT\$GK_PCNO_NPW	*****	X	03
CPT\$GK_PCNO_NUS	*****	X	03
CPT\$GK_PCNO_OTI	*****	X	03
CPT\$GK_PCNO_PAC	*****	X	03
CPT\$GK_PCNO_PIQ	*****	X	03
CPT\$GK_PCNO_PPW	*****	X	03
CPT\$GK_PCNO_PUS	*****	X	03
CPT\$GK_PCNO_RFA	*****	X	03
CPT\$GK_PCNO_RPA	*****	X	03
CPT\$GK_PCNO_RTI	*****	X	03
CPT\$GK_PCNO_SAD	*****	X	03
CPT\$GK_PCNO_SBS	*****	X	03
CPT\$GK_PCNO_SDU	*****	X	03

CPTSGK-PCNO-SDV
CPTSGK-PCNO-SID
CPTSGK-PCNO-SLI
CPTSGK-PCNO-SLO
CPTSGK-PCNO-SNV
CPTSGK-PCNO-SPA
CPTSGK-PCNO-STA
CPTSGK-PCNO-STY
CPTSGK-PCNO-TLO
CPTSGK-PCNO-TPA
CPTSGK-PCOB-ACC
CPTSGK-PCOB-FID
CPTSGK-PCOB-NUM
CPTSGK-PCOB-PRV
CPTSGK-PCOB-PRX
CPTSGK-PCOB-PSW
CPTSGK-PCOB-USR
CPTSGK-PCXA-ACC
CPTSGK-PCXA-NOD
CPTSGK-PCXA-PSW
CPTSGK-PCXA-USR
CPTSGK-PCXP-CAT
CPTSGK-PCXP-CHN
CPTSGK-PCXP-CLT
CPTSGK-PCXP-CTM
CPTSGK-PCXP-DBL
CPTSGK-PCXP-DWI
CPTSGK-PCXP-GNM
CPTSGK-PCXP-GTY
CPTSGK-PCXP-LIN
CPTSGK-PCXP-MBL
CPTSGK-PCXP-MCI
CPTSGK-PCXP-MCL
CPTSGK-PCXP-MNS
CPTSGK-PCXP-MRS
CPTSGK-PCXP-MST
CPTSGK-PCXP-MWI
CPTSGK-PCXP-NET
CPTSGK-PCXP-RST
CPTSGK-PCXP-STA
CPTSGK-PCXP-STT
CPTSGK-PCXS9-ACC
CPTSGK-PCXS9-CMK
CPTSGK-PCXS9-CTM
CPTSGK-PCXS9-CVL
CPTSGK-PCXS9-FIL
CPTSGK-PCXS9-GRP
CPTSGK-PCXS9-MCI
CPTSGK-PCXS9-NOD
CPTSGK-PCXS9-NUM
CPTSGK-PCXS9-OBJ
CPTSGK-PCXS9-PRI
CPTSGK-PCXS9-SAD
CPTSGK-PCXS9-SPW
CPTSGK-PCXS9-STA
CPTSGK-PCXS9-USR
CPTSGK-PCXS-ACC

[illegible]

CPTSGK-PCXS-CMK
CPTSGK-PCXS-CTM
CPTSGK-PCXS-CVL
CPTSGK-PCXS-FIL
CPTSGK-PCXS-GRP
CPTSGK-PCXS-MCI
CPTSGK-PCXS-NOD
CPTSGK-PCXS-NUM
CPTSGK-PCXS-OBJ
CPTSGK-PCXS-PRI
CPTSGK-PCXS-SAD
CPTSGK-PCXS-SPW
CPTSGK-PCXS-STA
CPTSGK-PCXS-USR
CPTSGK-PCXT-BSZ
CPTSGK-PCXT-CPL
CPTSGK-PCXT-CPS
CPTSGK-PCXT-FNM
CPTSGK-PCXT-MBF
CPTSGK-PCXT-MBK
CPTSGK-PCXT-MVR
CPTSGK-PCXT-STA
CPTSGK-PCXT-TST
FLGSSS
NMASC-CIRBLK-DIS
NMASC-CIRBLK-ENA
NMASC-CIRPST-ACT
NMASC-CIRPST-AUT
NMASC-CIRPST-DED
NMASC-CIRPST-DIE
NMASC-CIRPST-INA
NMASC-CIRTY-CON
NMASC-CIRTY-DMC
NMASC-CIRTY-POI
NMASC-CIRTY-TRI
NMASC-CIRTY-X25
NMASC-CIRUS-INC
NMASC-CIRUS-OUT
NMASC-CIRUS-PER
NMASC-CIRVE-DIS
NMASC-CIRVE-ENA
NMASC-CPU-1020
NMASC-CPU-11
NMASC-CPU-8
NMASC-CPU-VAX
NMASC-DPX-FUL
NMASC-DPX-HAL
NMASC-ENT-CIR
NMASC-ENT-KNO
NMASC-ENT-LIN
NMASC-ENT-MOD
NMASC-ENT-NOD
NMASC-LINCL-EXT
NMASC-LINCL-INT
NMASC-LINCN-LOO
NMASC-LINCN-NOR
NMASC-LINSV-DIS

	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
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	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
	*****	X	03
=	FFFFFFFFF		
=	00000001		
=	00000000		
=	00000002		
=	00000001		
=	00000005		
=	00000004		
=	00000003		
=	00000001		
=	00000004		
=	00000000		
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=	00000001		
=	00000003		
=	FFFFFFFFF		
=	00000001		
=	00000004		
=	00000000		
=	00000000		
=	00000001		
=	00000001		
=	00000000		
=	00000001		

NMLBSETDEFSTATE
Symbol table

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NMASC_LINSV_ENA = 00000000
NMASC_NODSNV_PH3 = 00000000
NMASC_NODSNV_PH4 = 00000001
NMASC_PCCI_ACB = 0000047E
NMASC_PCCI_ACI = 0000047F
NMASC_PCCI_BBT = 00000475
NMASC_PCCI_BLK = 0000038E
NMASC_PCCI_CHN = 00000461
NMASC_PCCI_COS = 00000384
NMASC_PCCI_DTE = 00000460
NMASC_PCCI_DTH = 00000486
NMASC_PCCI_DYB = 00000483
NMASC_PCCI_DYI = 00000484
NMASC_PCCI_DYT = 00000485
NMASC_PCCI_HET = 0000038A
NMASC_PCCI_IAB = 00000480
NMASC_PCCI_IAI = 00000481
NMASC_PCCI_IAT = 00000482
NMASC_PCCI_LCT = 0000006E
NMASC_PCCI_MBL = 00000462
NMASC_PCCI_MRB = 00000479
NMASC_PCCI_MRC = 00000398
NMASC_PCCI_MRT = 00000385
NMASC_PCCI_MTR = 0000047A
NMASC_PCCI_MWI = 00000463
NMASC_PCCI_NUM = 000003A2
NMASC_PCCI_OWN = 0000044C
NMASC_PCCI_POL = 000003F2
NMASC_PCCI_RCT = 00000399
NMASC_PCCI_RPR = 00000386
NMASC_PCCI_SER = 00000064
NMASC_PCCI_STA = 00000000
NMASC_PCCI_TRI = 00000474
NMASC_PCCI_TRT = 00000476
NMASC_PCCI_TYP = 00000458
NMASC_PCCI_USE = 00000457
NMASC_PCCI_VER = 00000A8C
NMASC_PCCI_XPT = 00000AA0
NMASC_PCCN_SUR = 0000006E
NMASC_PCLI_BFN = 00000451
NMASC_PCLI_BS2 = 00000B20
NMASC_PCLI_CLO = 00000459
NMASC_PCLI_CON = 00000456
NMASC_PCLI_DDT = 0000047F
NMASC_PCLI_DLT = 00000480
NMASC_PCLI_DUP = 00000457
NMASC_PCLI_EPT = 00000AA0
NMASC_PCLI-HTI = 00000462
NMASC_PCLI_LCT = 0000006E
NMASC_PCLI_MBL = 0000046A
NMASC_PCLI_MCD = 00000A8D
NMASC_PCLI_MRT = 00000468
NMASC_PCLI_MWI = 0000046C
NMASC_PCLI_PRO = 00000458
NMASC_PCLI_RTT = 00000461
NMASC_PCLI_SER = 00000064
NMASC_PCLI_SLT = 0000047E

NMASC_PCLI_SRT = 00000481
NMASC_PCLI_STA = 00000000
NMASC_PCLI_STI = 00000460
NMASC_PCLI_XPD = 00000A96
NMASC_PCLO_EVE = 000000C9
NMASC_PCLO_LNA = 00000064
NMASC_PCLO_SIN = 000000C8
NMASC_PCLO_STA = 00000000
NMASC_PCNO_ACC = 00000AAA
NMASC_PCNO_ADD = 000001F6
NMASC_PCNO_ALI = 00000AB5
NMASC_PCNO_AMC = 000003A0
NMASC_PCNO_AMH = 000003A1
NMASC_PCNO_BRT = 00000390
NMASC_PCNO_BUS = 000003A3
NMASC_PCNO_CPU = 00000071
NMASC_PCNO_CTI = 000000A0
NMASC_PCNO_DAC = 00000AAB
NMASC_PCNO_DAD = 00000087
NMASC_PCNO_DCT = 00000088
NMASC_PCNO_DFA = 000002D0
NMASC_PCNO_DFL = 0000007B
NMASC_PCNO_DPX = 00000ABF
NMASC_PCNO_DUM = 00000082
NMASC_PCNO_DWE = 000002D1
NMASC_PCNO_ETY = 00000385
NMASC_PCNO_HWA = 00000072
NMASC_PCNO_IAT = 000002D2
NMASC_PCNO_IDE = 00000064
NMASC_PCNO_IHO = 0000008D
NMASC_PCNO_ITI = 000001FE
NMASC_PCNO_LOA = 00000078
NMASC_PCNO_MAD = 00000398
NMASC_PCNO_MAR = 0000039D
NMASC_PCNO_MBE = 0000039E
NMASC_PCNO_MBR = 0000039F
NMASC_PCNO_MBU = 000003A2
NMASC_PCNO_MCO = 0000039A
NMASC_PCNO_MHO = 0000039B
NMASC_PCNO_MLK = 000002C6
NMASC_PCNO_MLN = 00000399
NMASC_PCNO_MVI = 0000039C
NMASC_PCNO_NAC = 00000A99
NMASC_PCNO_NLI = 000001F5
NMASC_PCNO_NNA = 000001F4
NMASC_PCNO_NPW = 00000A9A
NMASC_PCNO_NUS = 00000A98
NMASC_PCNO_OTI = 000001FF
NMASC_PCNO_PAC = 00000A91
NMASC_PCNO_PHA = 0000000A
NMASC_PCNO_PIQ = 00000AB4
NMASC_PCNO_PPW = 00000A92
NMASC_PCNO_PRX = 00000ABE
NMASC_PCNO_PUS = 00000A90
NMASC_PCNO_RFA = 000002D3
NMASC_PCNO_RPA = 00000AA0
NMASC_PCNO_RTI = 0000038E

NM
VO

NML\$SETDEFSTATE
Symbol table

SET/DEFINE PARAMETER STATE TABLES

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NMASC_PCNO_SAD = 0000038F
NMASC_PCNO_SBS = 000003A4
NMASC_PCNO_SDU = 00000083
NMASC_PCNO_SDV = 00000070
NMASC_PCNO_SID = 0000007E
NMASC_PCNO_SLI = 0000006E
NMASC_PCNO_SLO = 00000079
NMASC_PCNO_SNV = 00000073
NMASC_PCNO_SPA = 0000006F
NMASC_PCNO_STA = 00000000
NMASC_PCNO_STY = 0000007D
NMASC_PCNO_TLO = 0000007A
NMASC_PCNO_TPA = 00000AA1
NMASC_PCOB_ACC = 00000227
NMASC_PCOB_FID = 00000212
NMASC_PCOB_NUM = 00000201
NMASC_PCOB_PRV = 0000021C
NMASC_PCOB_PRX = 00000230
NMASC_PCOB_PSW = 00000228
NMASC_PCOB_USR = 00000226
NMASC_PCXA_ACC = 0000014C
NMASC_PCXA_MOD = 00000140
NMASC_PCXA_PSW = 0000014B
NMASC_PCXA_USR = 0000014A
NMASC_PCXP_CAT = 00000488
NMASC_PCXP_CHN = 0000046A
NMASC_PCXP_CLT = 00000489
NMASC_PCXP_CTM = 00000064
NMASC_PCXP_DBL = 00000474
NMASC_PCXP_DTE = 0000044C
NMASC_PCXP_DWZ = 00000475
NMASC_PCXP_GDT = 00000492
NMASC_PCXP_GNM = 00000493
NMASC_PCXP_GRP = 0000044D
NMASC_PCXP_GTY = 00000494
NMASC_PCXP_LIN = 00000460
NMASC_PCXP_MBL = 0000047E
NMASC_PCXP_MCI = 00000A96
NMASC_PCXP_MCL = 00000480
NMASC_PCXP_MNS = 00000A8C
NMASC_PCXP_MRS = 00000481
NMASC_PCXP_MST = 00000482
NMASC_PCXP_MWI = 0000047F
NMASC_PCXP_NET = 00000456
NMASC_PCXP_RST = 0000048A
NMASC_PCXP_STA = 00000000
NMASC_PCXP_STT = 0000048B
NMASC_PCXS_ACC = 0000014C
NMASC_PCXS_ACI = 000000C8
NMASC_PCXS_CNK = 0000015F
NMASC_PCXS_CTM = 00000064
NMASC_PCXS_CVL = 00000160
NMASC_PCXS_DST = 0000012C
NMASC_PCXS_FIL = 00000A96
NMASC_PCXS_GRP = 00000161
NMASC_PCXS_MCI = 00000136
NMASC_PCXS_NOD = 00000140

NMASC_PCXS_NUM = 00000162
NMASC_PCXS_OBJ = 00000154
NMASC_PCXS_PRI = 0000015E
NMASC_PCXS_SAD = 00000163
NMASC_PCXS_SPW = 0000014B
NMASC_PCXS_STA = 00000A8C
NMASC_PCXS_USR = 0000014A
NMASC_PCXT_BSZ = 00000064
NMASC_PCXT_CPL = 00000068
NMASC_PCXT_CPS = 0000006E
NMASC_PCXT_FNM = 00000066
NMASC_PCXT_MBF = 00000067
NMASC_PCXT_MBK = 00000065
NMASC_PCXT_MVR = 00000069
NMASC_PCXT_STA = 00000000
NMASC_PCXT_TPT = 0000006A
NMASC_PCXT_TST = 0000006F
NMASC_SOFD_DA = 00000008
NMASC_SOFD_DL = 00000004
NMASC_SOFD_DMC = 0000000C
NMASC_SOFD_DMF = 00000026
NMASC_SOFD_DMP = 00000012
NMASC_SOFD_DMV = 00000022
NMASC_SOFD_DP = 00000000
NMASC_SOFD_DPV = 00000024
NMASC_SOFD_DQ = 00000006
NMASC_SOFD_DTE = 00000014
NMASC_SOFD_DU = 00000002
NMASC_SOFD_DUP = 0000000A
NMASC_SOFD_KLB = 00000020
NMASC_SOFT_OSYS = 00000002
NMASC_SOFT_SECL = 00000000
NMASC_SOFT_TERL = 00000001
NMASC_STATE_CLE = 00000003
NMASC_STATE_HOL = 00000002
NMASC_STATE_OFF = 00000001
NMASC_STATE_ON = 00000000
NMASC_STATE_RES = 00000003
NMASC_STATE_SER = 00000002
NMASC_STATE_SHU = 00000002
NMASC_STS_IRV = FFFFFFFE
NMASC_STS_PGP = FFFFFFFE5
NMASC_STS_PMS = FFFFFFFE3
NMASC_STS_PNA = FFFFFFFEA
NMASC_STS_PTY = FFFFFFFFA
NMASC_STS_PVA = FFFFFFFF0
NMASC_XPRST_OFF = 00000001
NMASC_XPRST_ON = 00000000
NMASC_XPRST_SHU = 00000002
NMASC_XPRTY_BIL = 00000001
NMLSC_NODE_ID_PARAM = 00000001
NMLSC_NODE_NUM_PARAM = 00000000
NML\$GL_PRCODE ***** X 03
NML\$GL_PRS_FLGS ***** X 03
NML\$M_PRS_ALL = 00000002
NML\$M_PRS_SKNOD = 00000200
NML\$NPA_SEDECIR 00000000 RG 03

X 03
X 03
RG 03

NML\$SETDEFSTATE
Symbol table

SET/DEFINE PARAMETER STATE TABLES

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NML\$NPA_SEDEEXE	00000C20	RG	03
NML\$NPA_SEDELIN	00000648	RG	03
NML\$NPA_SEDELOG	000009F4	RG	03
NML\$NPA_SEDENOD	00001298	RG	03
NML\$NPA_SEDEOBJ	00002878	RG	03
NML\$NPA_SEDESUB	0000299C	RG	03
NML\$NPA_SEDE_NI_CONFIG	00002838	RG	03
NML\$NPA_SEDE_PROT_DTE	00001DDC	RG	03
NML\$NPA_SEDE_PROT_GRP	00001EE8	RG	03
NML\$NPA_SEDE_PROT_NET	00001BCC	RG	03
NML\$NPA_SEDE_TRACE	000022FC	RG	03
NML\$NPA_SEDE_TRACEPOINT	00002434	RG	03
NML\$NPA_SEDE_X25_ACCESS	00001B20	RG	03
NML\$NPA_SEDE_X25_SERV	000020BC	RG	03
NML\$NPA_SEDE_X25_SERV_DEST	0000213C	RG	03
NML\$NPA_SEDE_X29_SERV	000024FC	RG	03
NML\$NPA_SEDE_X29_SERV_DEST	00002630	RG	03
NML\$PRM_CHANNELS	*****	X	03
NML\$PRM_CHECK	*****	X	03
NML\$PRM_CHKEFI	*****	X	03
NML\$PRM_CHKESI	*****	X	03
NML\$PRM_CHK EVE	*****	X	03
NML\$PRM_CHKEXE	*****	X	03
NML\$PRM_CHKKN0	*****	X	03
NML\$PRM_CHKLOO	*****	X	03
NML\$PRM_CHKNOO	*****	X	03
NML\$PRM_CHKREM	*****	X	03
NML\$PRM_CIRC_OWNER	*****	X	03
NML\$PRM_ERR	*****	X	03
NML\$PRM_EVTCLASS	*****	X	03
NML\$PRM_EVTMASK	*****	X	03
NML\$PRM_EVTMSKTYP	*****	X	03
NML\$PRM_EVTSOURCE	*****	X	03
NML\$PRM_EVTSRCTYP	*****	X	03
NML\$PRM_OBJPRV	*****	X	03
NML\$PRM_QUAL_FORMAT	*****	X	03
NML\$PRM_SAVE_NODE	*****	X	03
NML\$PRM_SET_NET	*****	X	03
NML\$PRM_STRCHK	*****	X	03
NML\$PRSEXESNK	*****	X	03
NML\$PRSIDLEQ	*****	X	03
NML\$PRSIDN	*****	X	03
NML\$PRSSNKAD	*****	X	03
NML\$PRSSNK:INA	*****	X	03
NML\$STS_INV	= FFFFFFFC		
NML\$STS_PGP	= FFFFFFFCA		
NML\$STS_PMS	= FFFFFFFC6		
NML\$STS_PNA	= FFFFFFFD4		
NML\$STS_PTY	= FFFFFFFF4		
NML\$STS_PVA	= FFFFFFFE0		
NML_ACCESS_ACC	00001BB8	R	03
NML_ACCESS_NOD	00001B7C	R	03
NML_ACCESS_PARAMS	00001B30	R	03
NML_ACCESS_PSW	00001BA4	R	03
NML_ACCESS_USR	00001B90	R	03
NML_BYTE_S0B	00002A24	R	03
NML_CHAN_SUB	00002A0C	R	03

NML_CHECK_GROUP	00001F08	R	03
NML_CHK_DTE_PARAMS	00001FA4	R	03
NML_CHK_EXEADR	000003E0	R	03
NML_CHK_GRP_PARAMS	00001FE8	R	03
NML_CHK_NET_PARAMS	00002020	R	03
NML_CHK_NODADR	000003C0	R	03
NML_CIRCUIT_ACB	00000548	R	03
NML_CIRCUIT_ACI	0000055C	R	03
NML_CIRCUIT_BBT	000004F8	R	03
NML_CIRCUIT_BLK	000002BC	R	03
NML_CIRCUIT_CHN	000004A8	R	03
NML_CIRCUIT_COS	0000026C	R	03
NML_CIRCUIT_DTE	00000494	R	03
NML_CIRCUIT_DTH	000005E8	R	03
NML_CIRCUIT_DYB	000005AC	R	03
NML_CIRCUIT_DYI	000005C0	R	03
NML_CIRCUIT_DYT	000005D4	R	03
NML_CIRCUIT_HET	000002A8	R	03
NML_CIRCUIT_IAB	00000570	R	03
NML_CIRCUIT_IAI	00000584	R	03
NML_CIRCUIT_IAT	00000598	R	03
NML_CIRCUIT_LCT	00000258	R	03
NML_CIRCUIT_MBL	000004BC	R	03
NML_CIRCUIT_MRB	00000520	R	03
NML_CIRCUIT_MRC	000002F4	R	03
NML_CIRCUIT_MRT	00000280	R	03
NML_CIRCUIT_MTR	00000534	R	03
NML_CIRCUIT_MWI	000004D0	R	03
NML_CIRCUIT_NUM	0000031C	R	03
NML_CIRCUIT_OWN	0000038C	R	03
NML_CIRCUIT_POL	00000330	R	03
NML_CIRCUIT_RCT	00000308	R	03
NML_CIRCUIT_RPR	00000294	R	03
NML_CIRCUIT_SER	00000220	R	03
NML_CIRCUIT_STA	000001D0	R	03
NML_CIRCUIT_START	00000010	R	03
NML_CIRCUIT_TRI	000004E4	R	03
NML_CIRCUIT_TRT	0000050C	R	03
NML_CIRCUIT_TYP	00000438	R	03
NML_CIRCUIT_USE	000003F4	R	03
NML_CIRCUIT_VER	000005FC	R	03
NML_CIRCUIT_XPT	00000634	R	03
NML_DEST_GROUP_ERR	000026D8	R	03
NML_DTE_LOOP	00001DEC	R	03
NML_EVE_CLASS	00000B74	R	03
NML_EVE_CLASS2	00000B8C	R	03
NML_EVE_LIST	00000B8C	R	03
NML_EVE_NODEID	00000B38	R	03
NML_EVE_NODNUM	00000B54	R	03
NML_EVE_STRING_ID	00000B64	R	03
NML_EVE_SUB	00000AE0	R	03
NML_EXE_ADD	00001054	R	03
NML_EXE_ALI	00001284	R	03
NML_EXE_AMC	000011E4	R	03
NML_EXE_AMH	000011F8	R	03
NML_EXE_BRT	00001130	R	03
NML_EXE_BUS	00001220	R	03

NML\$SETDEFSTATE
Symbol table

SET/DEFINE PARAMETER STATE TABLES

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NML_EXE_DAC
NML_EXE_DFA
NML_EXE_DPX
NML_EXE_DWE
NML_EXE_ETY
NML_EXE_IAT
NML_EXE_IDE
NML_EXE_ITI
NML_EXE_MAD
NML_EXE_MAR
NML_EXE_MBE
NML_EXE_MBR
NML_EXE_MBU
NML_EXE_MCO
NML_EXE_MHO
NML_EXE_MLK
NML_EXE_MLN
NML_EXE_MVI
NML_EXE_NNA
NML_EXE_OTI
NML_EXE_PIQ
NML_EXE_RFA
NML_EXE_RTI
NML_EXE_SAD
NML_EXE_SBS
NML_EXE_STA
NML_EXE_START
NML_FOR_ERR
NML_GROUP_GNM
NML_GROUP_GTY
NML_GROUP_OPTIONS
NML_IMG_SOB
NML_LINE_SUB
NML_LIN_BFN
NML_LIN_BSZ
NML_LIN_CLO
NML_LIN_CON
NML_LIN_DDT
NML_LIN_DLT
NML_LIN_DUP
NML_LIN_EPT
NML_LIN-HTI
NML_LIN_LCT
NML_LIN_MBL
NML_LIN_MCD
NML_LIN_MRT
NML_LIN_MWI
NML_LIN_PRO
NML_LIN_RTT
NML_LIN_SER
NML_LIN_SLT
NML_LIN_SRT
NML_LIN_STA
NML_LIN_START
NML_LIN_STI
NML_LIN_XMD
NML_LOG_EVE

00001248 R 03
000010A4 R 03
00001270 R 03
000010B8 R 03
000010F4 R 03
000010CC R 03
00001014 R 03
00001068 R 03
00001144 R 03
000011A8 R 03
000011BC R 03
000011D0 R 03
0000120C R 03
0000116C R 03
00001180 R 03
00001090 R 03
00001158 R 03
00001194 R 03
00001028 R 03
0000107C R 03
0000125C R 03
000010E0 R 03
00001108 R 03
0000111C R 03
00001234 R 03
00000FC4 R 03
00000C30 R 03
00002AE0 R 03
00001F64 R 03
00001F78 R 03
00001F24 R 03
00002A6C R 03
000029F4 R 03
00000990 R 03
000009E0 R 03
00000890 R 03
00000858 R 03
00000954 R 03
00000968 R 03
00000820 R 03
000009CC R 03
000008F0 R 03
000007F8 R 03
00000904 R 03
000009A4 R 03
00000918 R 03
0000092C R 03
0000080C R 03
000008DC R 03
000007C0 R 03
00000940 R 03
0000097C R 03
0000077C R 03
00000658 R 03
000008C8 R 03
000009B8 R 03
00000AD0 R 03

NML_LOG_LAST
NML_LOG_LNA
NML_LOG_SIN
NML_LOG_SINADR
NML_LOG_STA
NML_LOG_START
NML_LONG_SUB
NML_MOD_ENT
NML_NET
NML_NODEID SUB
NML_NODE_ADDR_SUB
NML_NODNOM
NML_NOD_ACC
NML_NOD_ADD
NML_NOD_CPU
NML_NOD_CTI
NML_NOD_DAD
NML_NOD_DCT
NML_NOD_DFL
NML_NOD_DUM
NML_NOD_EOM
NML_NOD_HWA
NML_NOD_IHO
NML_NOD_LCA
NML_NOD_LOOPNA
NML_NOD_NAC
NML_NOD_NLI
NML_NOD_NNA
NML_NOD_NPW
NML_NOD_NUS
NML_NOD_PAC
NML_NOD_PPW
NML_NOD_PUS
NML_NOD_REMPNA
NML_NOD_RPA
NML_NOD_SDU
NML_NOD_SDV
NML_NOD_SID
NML_NOD_SLI
NML_NOD_SLO
NML_NOD_SNV
NML_NOD_SPA
NML_NOD_START
NML_NOD_STY
NML_NOD_TLO
NML_NOD_TPA
NML_OBJ_ACC
NML_OBJ_FID
NML_OBJ_NUM
NML_OBJ_PRV
NML_OBJ_PRX
NML_OBJ_PSW
NML_OBJ_START
NML_OBJ_USR
NML_OWN_PRM
NML_OWN_SUB
NML_PGP_ERR

00000A6C R 03
00000ABC R 03
00000BD4 R 03
00000C08 R 03
00000A78 R 03
00000A04 R 03
00002A54 R 03
00002A84 R 03
00001CB8 R 03
0000299C R 03
000029D8 R 03
000029BC R 03
00001B0C R 03
00001860 R 03
000018B4 R 03
00001878 R 03
00001ABC R 03
00001AD0 R 03
00001A30 R 03
00001A94 R 03
00001774 R 03
000018FC R 03
00001808 R 03
000019F4 R 03
00001498 R 03
000017E0 R 03
00001848 R 03
0000181C R 03
000017F4 R 03
000017CC R 03
000017A4 R 03
000017B8 R 03
00001790 R 03
00001624 R 03
00001AE4 R 03
00001AA8 R 03
00001940 R 03
00001A80 R 03
0000188C R 03
00001A08 R 03
00001910 R 03
000018A0 R 03
000012A8 R 03
00001A44 R 03
00001A1C R 03
00001AF8 R 03
00002960 R 03
000028F8 R 03
0000290C R 03
00002924 R 03
00002988 R 03
00002974 R 03
00002888 R 03
0000294C R 03
000003A0 R 03
000003B4 R 03
00002B08 R 03

NML\$SETDEFSTATE
Symbol table

SET/DEFINE PARAMETER STATE TABLES

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NML_PMS_ERR	00002AF4	R	03
NML_PNA_ERR	00002AB8	R	03
NML_PROTOCOL_CAT	00001D78	R	03
NML_PROTOCOL_CHN	00001EC0	R	03
NML_PROTOCOL_CLT	00001D8C	R	03
NML_PROTOCOL_CTM	00001E98	R	03
NML_PROTOCOL_DBL	00001CEC	R	03
NML_PROTOCOL_DWI	00001D00	R	03
NML_PROTOCOL_LIN	00001EAC	R	03
NML_PROTOCOL_MBL	00001D14	R	03
NML_PROTOCOL_MCI	00001ED4	R	03
NML_PROTOCOL_MCL	00001D3C	R	03
NML_PROTOCOL_MNS	00001DC8	R	03
NML_PROTOCOL_MRS	00001D50	R	03
NML_PROTOCOL_MST	00001D64	R	03
NML_PROTOCOL_MWI	00001D28	R	03
NML_PROTOCOL_NET	00001CA4	R	03
NML_PROTOCOL_PARAMS	00001BDC	R	03
NML_PROTOCOL_RST	00001DA0	R	03
NML_PROTOCOL_STA	00001E54	R	03
NML_PROTOCOL_STT	00001DB4	R	03
NML_PTY_ERR	00002AA4	R	03
NML_PVA_ERR	00002ACC	R	03
NML_SERV_GROUP_ERR	00002538	R	03
NML_SET_NET	00001CD8	R	03
NML_TRACEPNT_CPS	000024D4	R	03
NML_TRACEPNT_LOOP	00002444	R	03
NML_TRACEPNT_TST	000024E8	R	03
NML_TRACE_BSZ	000023BC	R	03
NML_TRACE_CPL	0000240C	R	03
NML_TRACE_FNM	000023E4	R	03
NML_TRACE_MBF	000023F8	R	03
NML_TRACE_MBK	000023D0	R	03
NML_TRACE_MVR	00002420	R	03
NML_TRACE_PARAMS	0000230C	R	03
NML_TRACE_STA	000023A8	R	03
NML_WORD_SUB	00002A3C	R	03
NML_X25_DEST_ACC	00002228	R	03
NML_X25_DEST_CMK	00002284	R	03
NML_X25_DEST_CVL	00002298	R	03
NML_X25_DEST_FIL	000022E8	R	03
NML_X25_DEST_GRP	000022AC	R	03
NML_X25_DEST_LOOP	0000214C	R	03
NML_X25_DEST_NOD	000021EC	R	03
NML_X25_DEST_NUM	000022C0	R	03
NML_X25_DEST_OBJ	0000223C	R	03
NML_X25_DEST_OBJ_NUM	00002268	R	03
NML_X25_DEST_PRI	00002270	R	03
NML_X25_DEST_SAD	000022D4	R	03
NML_X25_DEST_SPW	00002214	R	03
NML_X25_DEST_USR	00002200	R	03
NML_X25_SERV_CTM	00002100	R	03
NML_X25_SERV_MCI	00002114	R	03
NML_X25_SERV_PARAMS	000020CC	R	03
NML_X25_SERV_STA	00002128	R	03
NML_X29_DEST_ACC	00002760	R	03
NML_X29_DEST_CMK	000027C0	R	03

NML_X29_DEST_CVL	000027D4	R	03
NML_X29_DEST_FIL	00002824	R	03
NML_X29_DEST_GRP	000027E8	R	03
NML_X29_DEST_LOOP	00002640	R	03
NML_X29_DEST_NOD	00002724	R	03
NML_X29_DEST_NUM	000027FC	R	03
NML_X29_DEST_OBJ	00002774	R	03
NML_X29_DEST_OBJ_NUM	000027A0	R	03
NML_X29_DEST_PRI	000027AC	R	03
NML_X29_DEST_SAD	00002810	R	03
NML_X29_DEST_SPW	0000274C	R	03
NML_X29_DEST_USR	00002738	R	03
NML_X29_SERV_CTM	000025F4	R	03
NML_X29_SERV_MCI	00002608	R	03
NML_X29_SERV_PARAMS	0000250C	R	03
NML_X29_SERV_STA	0000261C	R	03
NPASH_ACTION	= 00000004		
NPASH_EXT	= 00000001		
NPASH_LAST	= 00008000		
NPASH_MASK	= 00000010		
NPASH_MSKADR	= 00000020		
NPASH_OFFSET	= 00000040		
NPASH_PARAM	= 00000002		
NPASH_STATE	= 00000008		
NPAS_ADVANCE	= 00000001		
NPAS_BYTE	= 00000003		
NPAS_EOM	= 00000004		
NPAS_ERROR	= 00000007		
NPAS_EXIT	= 00000000		
NPAS_EXITV	= 0000000A		
NPAS_FAIL	= FFFFFFFF		
NPAS_IMAGE	= 00000000		
NPAS_LOOK	= 00000009		
NPAS_MASK	= 00000002		
NPAS_MATCH	= 00000008		
NPAS_NULL	= 00000005		
NPAS_SBEXP	= 00000006		
NPAS_WORD	= 00000001		
NXT\$\$	= 00000000		

+-----+
! Psect synopsis !
+-----+

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
. BLANK .	00000000 (0.)	01 (1.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE
\$ABSS\$	00000000 (0.)	02 (2.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
NPASSTATE	00002B1C (11036.)	03 (3.)	NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC BYTE

+-----+
! Performance indicators !
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	33	00:00:00.07	00:00:00.81
Command processing	152	00:00:00.84	00:00:06.61
Pass 1	1653	00:02:18.81	00:04:34.81
Symbol table sort	0	00:00:02.17	00:00:02.86
Pass 2	506	00:00:27.28	00:00:58.33
Symbol table output	15	00:00:00.58	00:00:02.78
Psect synopsis output	2	00:00:00.03	00:00:00.04
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	2363	00:02:49.78	00:05:46.24

The working set limit was 3450 pages.

695256 bytes (1358 pages) of virtual memory were used to buffer the intermediate code.

There were 90 pages of symbol table space allocated to hold 1521 non-local and 0 local symbols.

2450 source lines were read in Pass 1, producing 109 object records in Pass 2.

35 pages of virtual memory were used to define 32 macros.

+-----+
! Macro library statistics !
+-----+

Macro library name	Macros defined
\$255\$DUA28:[SHRLIB]NMALIBRY.MLB;1	1
\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
\$255\$DUA28:[NML.OBJ]NMLLIB.MLB;1	18
\$255\$DUA28:[SYSLIB]STARLET.MLB;2	3
TOTALS (all libraries)	22

1357 GETS were required to define 22 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:NMLSEDEST/OBJ=OBJ\$:NMLSEDEST MSRC\$:NMLSEDEST/UPDATE=(ENH\$:NMLSEDEST)+LIB\$:NMLLIB/LIB+EXECML\$/LIB+SHRLIB\$:NMALIBRY/LIB

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AH-BT13A-SE
VAX/VMS V4.0

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